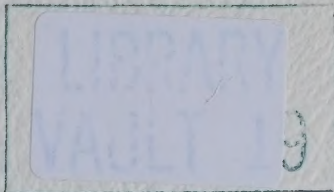


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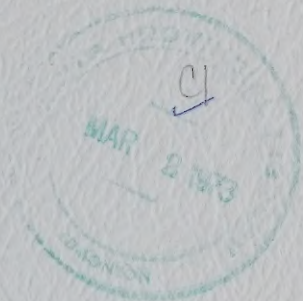
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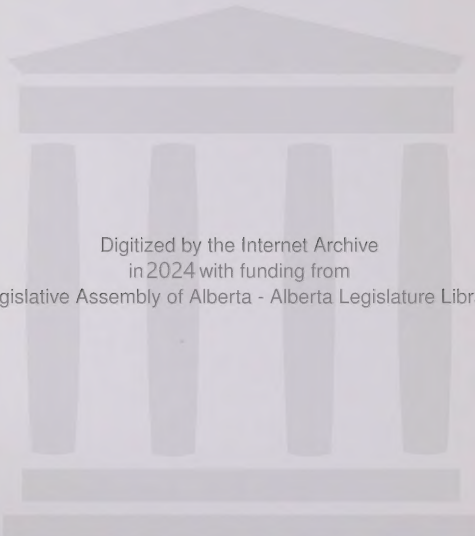


Annual Report

1971-1972



Alberta
Public Works
Dept of



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HONOURABLE W. O. BACKUS, M.D.
Minister of Public Works

Edmonton, Alberta

October 1, 1972

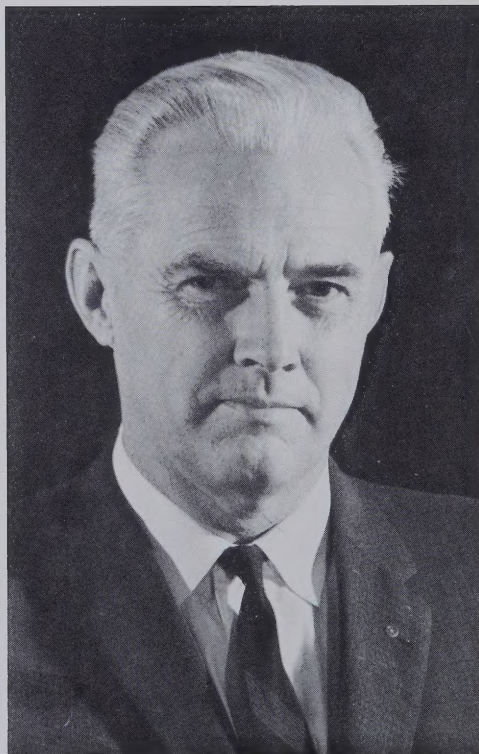
To His Honour J. W. Grant MacEwan,
Lieutenant Governor
of the Province of Alberta.

Sir:

The undersigned has the honour to submit the report of the Department of
Public Works for the year ended March 31, 1972.

Respectfully submitted,

W. O. BACKUS, M.D.,
Minister of Public Works.



W. A. B. SAUNDERS, P.Eng.,
Deputy Minister of Public Works

Edmonton, Alberta,

October 1, 1972.

To:

The Honourable W. O. Backus, M.D.,
Minister,
Department of Public Works.

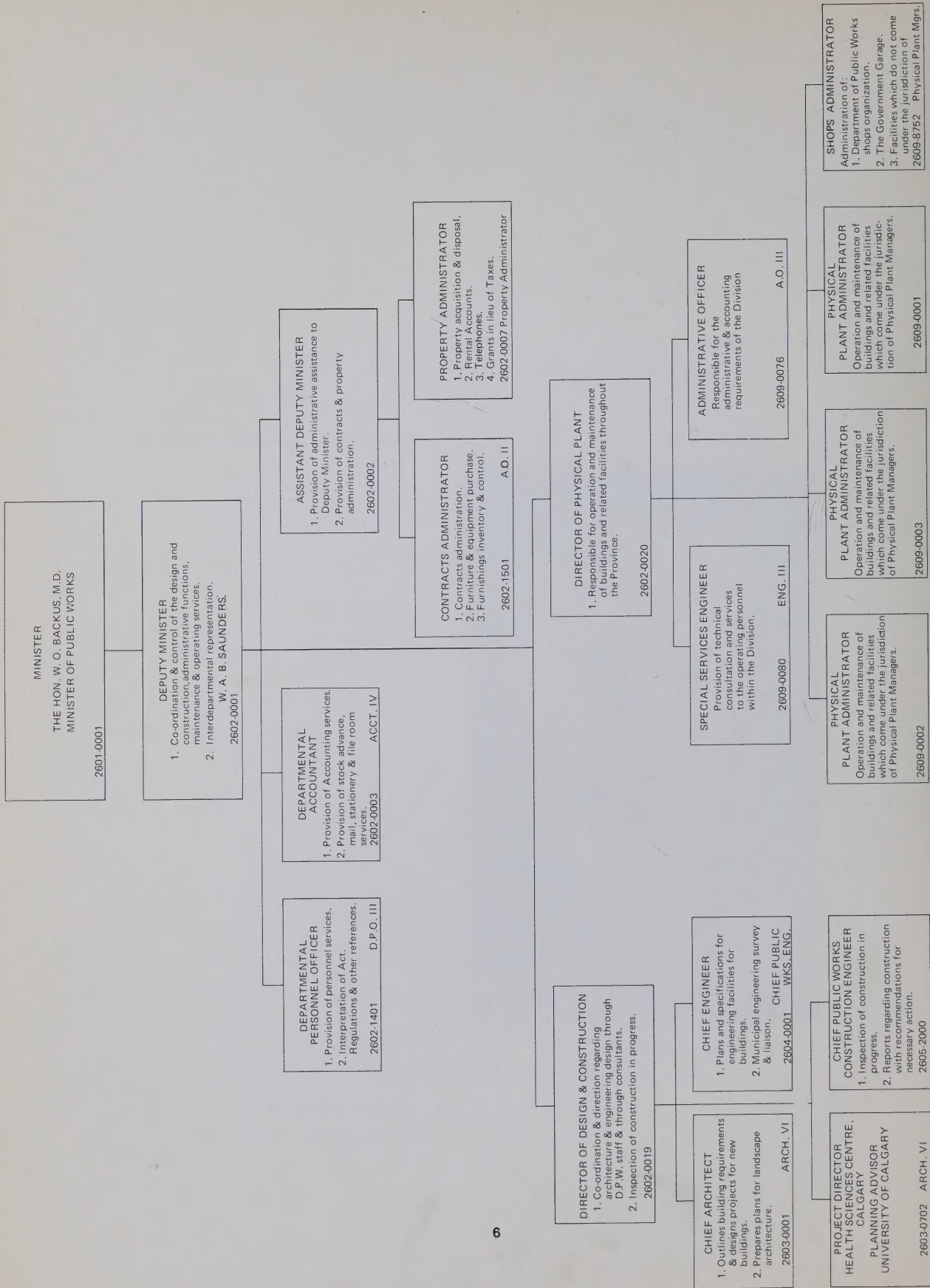
Sir:

I have the honour to submit herewith a report covering the activities of the Department of Public Works for the fiscal year ending March 31, 1972. This report comprises:

1. a report on the functions of the department
2. an organization chart
3. detailed procedure on calling of tenders and awarding of contracts
4. a list of tenders called, bids received and contracts awarded
5. a list of projects completed in the fiscal year
6. a list of all commissions awarded to architectural and engineering consultants during the year
7. Architectural Branch report
8. Architectural Office, Calgary report
9. Engineering Branch report
10. Construction Branch report
11. Physical Plant Division report
12. Stock Advance Branch report and statement of operation
13. Personnel Branch report
14. Contracts Branch report
15. Properties Administration Section report
16. The Crown Properties Municipal Grants Act showing grants paid in lieu of taxes
17. A table showing total expenditures over the last five years.

Respectfully submitted,

W. A. B. SAUNDERS, P.Eng.,
Deputy Minister of Public Works



THE FUNCTIONS OF THE DEPARTMENT OF PUBLIC WORKS

The Department of Public Works is responsible for providing and maintaining suitable accommodation, the necessary furnishings and equipment to all departments of the government so that they may carry out their required functions. The Department carries out its responsibilities through two major Divisions, the Design and Construction Division and the Physical Plant Division.

The role of the Design and Construction Division is to determine the long and short term space requirements of other departments, and to meet these requirements through its organization of architects, engineers, technologists and other professionals. Accommodation is provided in buildings designed and built under the supervision of the Division, or in premises leased or purchased by the Properties Administration Branch.

The Physical Plant Division has the responsibility of providing a suitable environment for client departments in existing government buildings. The operation and maintenance of these buildings requires an organization of building managers, tradesmen and other workmen with assorted technical skills. The 1,700 employees of the Physical Plant Division carry out their duties in buildings located in every area of the province.

The chief officials of the department are:

Minister of Public Works	Honourable W. O. Backus, M.D.
Deputy Minister of Public Works	W. A. B. Saunders, P.Eng.
Director of Design & Construction Division	J. F. Hunt, P.Eng.
Director of Architecture Branch	N. M. Fleming, M.R.A.I.C.
Project Director (Calgary)	V. G. Bathory, M.R.A.I.C.
Director of Engineering Branch	H. H. Neelands, P.Eng.
Chief Construction Engineer	E. M. Silver, P.Eng.
Director of Physical Plant Division	W. S. Davies, P.Eng.
Physical Plant Administrator	L. A. Undershultz
Physical Plant Administrator	R. C. Kendal
Director of Administration Branch	G. D. Menzies, M.R.A.I.C.
Director of Accounts Branch	K. C. Thomas
Property Administrator	E. E. Wilson
Director of Personnel Branch	A. B. Potvin

CALLING TENDERS AND AWARDING CONTRACTS

Departments of the government which need additional work space submit their space requirements to the Department of Public Works. If, in order to provide this additional space, a new building is deemed necessary, the Properties Section acquires a suitable building site and prepares a program of requirements for the architectural office. The architects, in turn, effect liaison with the departments concerned, and the actual space requirements and the purpose of the proposed building are determined. In cooperation with the departments which will be housed in the building, preliminary plans are drawn and, from such plans, an estimate of construction cost is obtained. A sum of money is submitted in the annual estimates for the next fiscal year for approval by the Legislature. The actual amount of money requested is dependent upon the amount of construction that this department estimates will be done in the following fiscal year. If actual construction is not expected in the following fiscal year, a nominal sum not exceeding \$10,000.00 is requested to cover preliminary investigations on the site, which may include soil testing and/or utility line relocations.

The design and basic construction and materials of which the structure will be built are determined by the Director of Design and Construction in consultation with his technical staff and with any private consultants who may have been commissioned. Their recommendations in the form of sketch proposals accompanied by a full report and budget are then submitted to the Deputy Minister for approval and referral to the user department. When the proposals are approved by the department concerned, the Minister of Public Works is requested to submit the proposal to the Treasury Board and to obtain approval to proceed with final plans. Detailed plans are then drawn and submitted for approval to the Deputy Minister, bearing the signatures of the Director of Design and Construction, the Chief Architect and the Chief Engineer. If approval is obtained from the Deputy Minister, the plans are then submitted to the Minister of the department concerned and this Minister is requested to sign the plans. Finally, the plans are submitted to the Minister of the Department of Public Works with a request that he obtain Treasury Board approval to call tenders on the project. When Treasury Board approval has been obtained, tenders are then called.

Advertisements calling for tenders are placed in the major newspapers throughout the province and in trade papers, and such advertisements usually run for a period of two days. Advertisements are also placed in newspapers of major centres across the country for tenders on larger projects.

The size of the project under construction determines the length of the "tender period". All tenders are opened in public at two o'clock on a Thursday afternoon in the Conference Room of the Department of Public Works. The department will consider the use of acceptable alternate materials to those specified during the tender period, but applications for such alternate approvals will not be accepted later than a stipulated time, usually fourteen days prior to the closing date of tenders. No request for the employment of alternate materials is considered after the contract has been awarded. When it is necessary to issue addenda approving alternate materials or clarifying a change in design, such addenda are issued at least seven days prior to the closing of tenders and, incidentally, these addenda are sent by double registered mail to any contractor who has indicated his intention to bid on the project by obtaining plans and specifications. The plans and specifications are available on payment of a nominal deposit to those firms registered in or eligible for registration in the Province of Alberta. This is refunded when the plans and specifications are returned to the department within a specified time limit. Additional copies of the plans and specifications are also sent to the Construction Associations in the major cities throughout the province and to the other major cities in Canada in the case of larger projects. Plan Room Services provided by these Associations to their members are of considerable benefit to the department, as trade contractors and suppliers who are otherwise unable to obtain plans and specifications may prepare their quotations using the facilities of the Associations.

During the past year, the department has continued to use the services of the Alberta Bid Depository for all contracts exceeding \$100,000.00. The Alberta Bid Depository is operated by the Alberta Construction Association, which represents the building industry in Alberta. This system requires all subcontractors to send to the Alberta Bid Depository any bids the subcontractor wishes to submit to a general contractor. The Alberta Bid Depository distributes to the general contractors the bids received from the subcontractors.

Each tenderer must submit with his tender a sum of not less than 10% of the total tender price or a stipulated amount. While such deposit is usually a Bid Bond, the department accepts cash, Dominion of Canada Bearer Bonds or a certified cheque. At the close of the tender opening, the tender deposits submitted by the two lowest tenderers are held pending a review of tenders. The lowest tender is checked carefully by the department Tendering Committee to ensure that it complies with the specifications and

that all subcontractors are shown and that those shown are acceptable to the department. A bid sheet is prepared and signed by the committee that opened the tenders and is forwarded to the Minister of Public Works with a press release giving complete details. Following the Minister's approval, a letter of intent is forwarded by the department to the successful tender advising that contract documents are being prepared for his signature. The contract documents are prepared in duplicate and forwarded to the contractor. When returned properly signed by the contractor, they are then signed by the Minister of Public Works.

When the successful contractor returns the signed contract documents to the department, he may substitute his tender deposit with a Performance Bond. If he does not do this but leaves as a guarantee or security deposit the original certified cheque or replaces this cheque with negotiable bonds equal to 10% of the total tendered price, the department retains as a holdback 10% of the total of each progress estimate. However, if the contractor does substitute a Performance Bond for his original tender deposit, the department retains 15% of the total of each progress estimate. It will thus be seen that when the contractor has completed the project, the department has either:

1. Negotiable bonds equal to 10% of the total tendered price or the amount submitted as a certified cheque along with the tender as a guarantee for the satisfactory completion of the contract and also a holdback equal to 10% of the total payments made by progress estimates, or
2. A Performance Bond as a guarantee for the satisfactory completion of the contract and also a holdback equal to 15% of the total payments made by progress estimates.

The department makes an inspection of the completed project and, if the contract has been completed to the satisfaction of the department, payment of the monies held back from the payment of each progress estimate is made to the contractor thirty days later. If the project is not completed to the satisfaction of the department, the payment of the monies held back from the payment of each progress estimate is withheld until all deficiencies have been corrected.

Performance Bonds expire one year after the acceptance of the project, thus providing a guarantee for that period. If a certified cheque or Government of Canada bonds equal to 10% of the tender price have been deposited as guarantee for the successful completion of the contract, the security deposit is returned to the contractor progressively during the warranty year.

On the following pages will be found a list of tenders called and contracts awarded during the fiscal year under review. Previous annual reports have included detailed description of the majority of the projects under construction during the year. This section of the report has been discontinued; however, information on specific projects may be obtained by interested parties on application to the department. Such applications may be forwarded to the attention of Honourable W. O. Backus, M.D., Minister of Public Works, Legislative Building, Edmonton, Alberta.

TENDERS CALLED AND CONTRACTS AWARDED

The following bids were opened in public and contracts awarded during the fiscal year which ended March 31, 1972. Bids marked with an asterisk were withdrawn by the tenderers before this department had forwarded a letter of acceptance to the bidder, or were rejected by this department because the bidder failed to comply with the regulations governing the submission of tenders. Where a valid low bid was withdrawn or rejected and the contract awarded to the second lowest bidder, authority for so doing was obtained by Order of the Lieutenant Governor in Council.

CONTRACT TENDERED FOR AND TENDERERS

AMOUNT BID

CONSTRUCTION OF PARKING LOT & DEMOLITION OF EXISTING A.L.C.B. STORE,
LETHBRIDGE, ALBERTA. April 15, 1971.

Hari Bros. Construction Services Ltd.	\$ 17,750.00
Kenwood Engineering Construction Ltd.	10,700.00
Getkate Masonry Construction Ltd.	8,518.00
Tollestrup Construction Co. Ltd. awarded	7,950.00

DEMOLITION & REMOVAL OF TEES & PERSSE BUILDING,
EDMONTON, ALBERTA. April 15, 1971.

Ernest R. Johnson (By Gov't.)	37,875.00
Aaby Demolition (1970) Ltd. (By Gov't.)	27,400.00
Atlas Demolition Ltd. (By Gov't.)	18,495.00
West Court Developments Ltd. (By Gov't.)	17,210.00
J. B. McDonald & Son Contractors Ltd. awarded (By Gov't.)	16,495.00

ARTS COMPLEX, PHASE I, S.A.I.T., CALGARY, ALBERTA. May 6, 1971.

Laing Construction & Equipment Ltd.	\$6,989,000.00
Commonwealth Construction Co. Ltd.	6,772,183.00
Poole Construction Ltd.	6,652,871.00
Cascade Builders Ltd.	6,580,000.00
Janin Western Contractors Ltd.	6,448,000.00
Cana Construction Co. Ltd.	6,382,137.00
Bird Construction Co. Ltd.	6,355,000.00
Alta-West Construction Ltd. awarded	6,203,006.00

ERECTION & COMPLETION OF A TREASURY BRANCH,
INNISFAIL, ALBERTA. May 6, 1971.

A. Grieb Construction Co. Ltd.	92,870.00
McTavish, McKay & Co. Ltd.	90,472.00
Boulder Construction Builders Ltd.	84,986.00
Joyce Construction Co. Ltd.	81,863.00
W. R. Sanquist Construction Ltd.	81,264.00
Hornstrom Bros. Construction Ltd.	80,355.00
Saracen Construction Ltd.	78,400.00
Watson (Tofield) Ltd.	77,234.00
Greene Construction Co. Ltd.	76,123.00
Ellis Construction Ltd. awarded	75,160.00

SEWER CONSTRUCTION - PARKING STRUCTURE, S.A.I.T.,
CALGARY, ALBERTA. May 25, 1971.

De Vries Bros. Construction Ltd.	24,859.00
Borger Construction Ltd. awarded	20,092.75

CONTRACT TENDERED FOR AND TENDERERS**AMOUNT BID**

SITE DEVELOPMENT (PAVING & RELATED WORK), ALBERTA HOSPITAL,
EDMONTON, ALBERTA. May 27, 1971.

Standard General Construction	\$ 114,531.50
Everall Construction (Edmonton) Ltd.	112,093.84
O'Hanlon Paving Ltd.	103,666.11
Crown Paving and Engineering Ltd.	103,371.70
W. C. Wells Construction Co. Ltd.	102,209.95
Edmonton Paving Services Ltd. awarded	99,732.70

SITE DEVELOPMENT (PAVING & RELATED WORK), CENTRAL HIGHWAYS TESTING
LABORATORY, EDMONTON, ALBERTA. May 27, 1971.

Edmonton Paving Services Ltd.	59,563.16
Everall Construction Limited	52,930.00
Crown Paving & Engineering	52,900.86
Standard General Construction	52,623.15
O'Hanlon Paving Limited	52,509.41
W. C. Wells Construction Ltd. awarded	49,885.96

PAVING & RELATED WORK, CORRECTIONAL INSTITUTION & ADMINISTRATION
BUILDING, LETHBRIDGE, ALBERTA. June 3, 1971.

W. A. Cook & Sons Ltd.	35,353.39*
Tollestrup Construction Company Ltd. awarded	28,838.75

ALBERTA TRAVEL INFORMATION CENTRES, FOURTEEN LOCATIONS
(REQUESTS FOR PROPOSALS). June 10, 1971.

Corab Services	333,364.00
Nodwell Bros. Ltd. awarded	256,663.00

SITE DEVELOPMENT (PAVING & RELATED WORK), ALBERTA VOCATIONAL CENTRE,
EDMONTON, ALBERTA. June 3, 1971.

Crown Paving & Engineering Ltd.	48,772.60
O'Hanlon Paving Ltd.	46,958.35
W. C. Wells Construction Company Limited	43,165.80
Arthur A. Voice Construction Co. Ltd.	39,336.90
Everall Construction (Edmonton) Ltd.	37,354.02
Standard-General Construction Ltd.	36,853.30
Edmonton Paving Services Ltd. awarded	34,899.65

SITE DEVELOPMENT (GRADING, GRAVELLING & RELATED WORK),
A.V.C., OLDS, ALBERTA. June 10, 1971.

Everall Construction (Edmonton) Ltd.	96,139.10
Border Paving Ltd.	71,210.35
Gallelli Construction Materials Ltd.	66,911.00
Richardson Bros. (Olds) Ltd. awarded	57,498.10

ADDITION TO OFFICE BUILDING, DEPARTMENT OF LANDS & FORESTS,
WHITECOURT, ALBERTA. June 10, 1971.

Trans Alta. Construction Ltd.	47,428.00
Dan Bilodeau Construction Ltd.	46,550.00
Norman Nilsen Construction Ltd.	46,471.00
H.H.A.J. Developments Ltd. awarded	43,950.00

CONTRACT TENDERED FOR AND TENDERERS**AMOUNT BID**

SITE DEVELOPMENT (IRRIGATION SYSTEM) AGRICULTURAL & VOCATIONAL COLLEGE,
OLDS, ALBERTA. June 10, 1971.

Oliver Industrial Supply Co. Ltd.	\$ 24,755.00
Evergreen Irrigation Ltd. awarded	14,843.57
Automatic Controls of Edmonton	7,000.00*

DEMOLITION AND/OR REMOVAL OF OLD HOG BARN, AGRICULTURAL
& VOCATIONAL COLLEGE, VERMILION, ALBERTA. June 10, 1971.

Ralph W. Dickie (By Gov't.)	7,000.00
Bykowski Sand & Gravel (By Gov't.)	3,500.00
Adby Demolition (1970) Ltd. awarded (By Gov't.)	2,990.00

DEMOLITION AND REMOVAL OF WOODEN HANGAR, BUILDING #4, ADULT
VOCATIONAL TRAINING CENTRE (SCONA), EDMONTON, ALBERTA. June 10, 1971.

Taylor Construction (By Gov't.)	52,940.00
Adby Demolition (1970) Ltd. awarded (By Gov't.)	17,925.00

UTILITIES, UNIVERSITY OF ALBERTA AREA, CENTRAL COOLING PLANT,
EDMONTON, ALBERTA. June 2, 1971.

Canadian International Comstock Co. Ltd. awarded	1,995.00
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LANDSCAPING, PHASE II, COURTHOUSE,
CALGARY, ALBERTA. June 15, 1971.

Haddock's Landscape & Tree Service Ltd.	83,905.00
McEwan Bros. Landscaping Ltd.	51,809.35
Foothills Landscaping Ltd. awarded	39,666.00

DEMOLITION AND/OR REMOVAL OF OLD SERVICE STATION & RESIDENCE,
HIGHWAYS MAINTENANCE YARD, VIKING, ALBERTA. June 17, 1971.

Adby Demolition (1970) Ltd. (By Gov't.)	6,366.00
E. C. Williams (By Gov't.)	3,200.00
Whitehorse Const. Ltd. (By Cont.)	201.00
L. K. Hanson awarded (By Cont.)	312.00

ADDITION TO FOREST TECHNOLOGY SCHOOL,
HINTON, ALBERTA. June 17, 1971.

Camwil Construction 127,171.00	
Dan Bilodeau Construction Ltd. 126,400.00	
Cramer & Bennett Holding Co. Ltd. awarded 124,734.00	

YOUTH DEVELOPMENT CENTRE, HOLDING UNIT,
(SPRUCECLIFF), CALGARY, ALBERTA. June 24, 1971.

Commonwealth Construction Company Limited	252,468.00
Hurst Construction Co. Ltd.	240,200.00
Cana Construction Co. Ltd.	237,000.00
Bird Construction Co. Ltd.	218,973.00
Joyce Construction Co. Ltd.	216,346.00
McTavish, McKay & Company Limited	214,987.00
Boulder Construction Builders Ltd.	212,693.00
Larwill Construction Co. Ltd.	211,484.00*
Bayker Construction Ltd. awarded	208,000.00

CONTRACT TENDERED FOR AND TENDERERS**AMOUNT BID**

ALTERATIONS TO TEACHING BUILDINGS, S.A.I.T.,
CALGARY, ALBERTA. June 24, 1971.

Cana Construction Co. Ltd.	\$ 176,723.00
Joyce Construction Company Limited	144,877.00
McTavish, McKay & Company Limited	143,766.00
Boulder Construction Ltd.	142,850.00
Poole Construction Ltd.	142,180.00
Watson Construction Limited	140,325.00
Bird Construction Co. Ltd. awarded	134,141.00

AGRICULTURAL & VOCATIONAL COLLEGE, VERMILION METALS BUILDING,
AC/DC WELDING MACHINE MODIFICATIONS,
VERMILION, ALBERTA. June 10, 1971.

Great West Electric Ltd.	8,598.00
Hammond Electric Ltd.	8,253.00
Matthews Electric Ltd. awarded	6,310.00

SITE DEVELOPMENT, HEALTH SCIENCES CENTRE,
CALGARY, ALBERTA. June 24, 1971.

Cana Construction Co. Ltd.	41,841.00
Standard-General Construction Limited	30,937.00
Gallelli Construction Materials Limited	28,698.00
	awarded

SITE DEVELOPMENT - TO CONSTRUCT PROVINCIAL BUILDING, FORT McMURRAY
AND SITE DEVELOPMENT (PAVING & RELATED WORK) ALBERTA VOCATIONAL
CENTRE, FORT McMURRAY AND UTILITIES TO CONSTRUCT D.P.W. SHOPS
FORT McMURRAY AND SITE DEVELOPMENT TO CONSTRUCT D.P.W. SHOPS,
FORT McMURRAY. July 8, 1971.

Everall Construction (Edmonton) Ltd.	88,559.43
W. C. Wells Construction Company Limited	85,172.54
	awarded

PARKING STRUCTURE, S.A.I.T., CALGARY, ALBERTA. July 8, 1971.

McTavish, McKay & Company Limited	1,336,000.00
Bird Construction Co. Ltd.	1,269,300.00
Forest Construction Ltd.	1,261,471.00
Sercon Contractors Ltd.	1,240,000.00
Poole Construction Limited	1,190,567.00
Janin Western Contractors Limited	1,189,456.00
Laing Construction and Equipment Limited	1,188,377.00
Cana Construction Co. Ltd.	1,153,500.00
Bennett & White Alberta (1963) Ltd.	1,107,656.00
Commonwealth Construction Company Limited	1,106,983.00
Cascade Builders Ltd. awarded	1,040,000.00

UTILITY SERVICES, PHASE II (SERVICES CORRIDOR PHASE 2A),
S.A.I.T., CALGARY, ALBERTA. July 8, 1971.

Alta West Construction Ltd.	873,897.00
Borger Construction Limited	838,500.00
Cana Engineering Ltd.	829,500.00
Laing Construction and Equipment Limited	787,558.00
Commonwealth Construction Company Limited	757,000.00
Bird Construction Co. Ltd.	726,300.00
Poole Construction Limited	714,468.00
	awarded

CONTRACT TENDERED FOR AND TENDERERS**AMOUNT BID**

ELEVATOR FOR ENERGY RESOURCES CONSERVATION BOARD BUILDING,
CALGARY, ALBERTA. July 15, 1971.

T. E. Bate Engineering Ltd.	\$ 48,000.00
Montgomery Elevator Co. Limited awarded	38,700.00

ERECTION & COMPLETION OF A SIX STALL GARAGE, DEPARTMENT OF
HIGHWAYS & TRANSPORT, STONY PLAIN, ALBERTA. July 15, 1971.

Bond & Leitch Ltd.	99,986.00
B. J. Graham Contracting Ltd.	95,352.00
Briden Construction Ltd. awarded	83,300.00

ERECTION & COMPLETION OF A FIVE STALL MAINTENANCE & REPAIR SHOP,
ADDITION TO EXISTING GARAGE, EVANSBURG, ALBERTA. July 15, 1971.

Bond & Leitch Ltd.	117,055.00
M. R. Nason Construction Ltd.	112,075.00
Gill-B Construction Ltd. awarded	99,600.00

EXTENSION OF HIGH VOLTAGE CABLE SYSTEM, TO COMPLETE,
GOVERNMENT AREA, EDMONTON, ALBERTA. July 21, 1971.

Canadian International Comstock Comapny Ltd.	89,882.00
Robert Wood Electric Ltd.	85,690.00
Industrial Power Installations (Edmonton) Ltd.	85,340.00
Doug Smith Electric Ltd.	84,572.00
Progress Electric Limited awarded	79,620.00

SITE DEVELOPMENT - PAVING & RELATED WORK, WELFARE CENTRE,
GUNN, ALBERTA. July 21, 1971.

Everall Construction (Edmonton) Ltd.	10,603.75
Border Paving Ltd.	8,137.00
W. C. Wells Construction Company Limited	7,723.90
Arthur A. Voice Construction Co. Ltd. awarded	6,584.75

SITE DEVELOPMENT (PAVING & RELATED WORK) PROVINCIAL TREE NURSERY,
OLIVER, ALBERTA. July 21, 1971.

Edmonton Paving Services Ltd.	62,569.00
Everall Construction (Edmonton) Ltd.	58,494.10
W. C. Wells Construction Company Limited	52,761.50
Standard General Construction (International) Ltd. awarded	48,795.70

FISH HATCHERY & REARING STATION,
CALGARY, ALBERTA. July 21, 1971.

Laing Construction & Equipment Limited	5,429,835.00
Poole Construction Limited	5,088,089.00
Janin Western Contractors Limited	4,958,700.00
Cana Construction Co. Ltd.	4,947,500.00
Cascade Builders Ltd.	4,925,000.00
Commonwealth Construction Company Ltd. awarded	4,856,633.00

HIGHWAY MAINTENANCE GARAGES AT: ATHABASCA, CARDSTON,
GRIMSHAW, LETHBRIDGE, RYCROFT. July 30, 1971.

Perlynn Construction Ltd. awarded	228,012.40
(Negotiated contract)	

CONTRACT TENDERED FOR AND TENDERERS**AMOUNT BID**

ERECTION & COMPLETION OF ROOT HOUSE, DEPARTMENT OF
ATTORNEY GENERAL AT CORRECTIONAL INSTITUTION,
PEACE RIVER, ALBERTA. August 16, 1971.

Beton Structures Ltd.	awarded	\$ 60,242.75
(Negotiated contract)		

MECHANICAL CONTRACT TO AIR CONDITION SIXTH FLOOR,
NATURAL RESOURCES BUILDING, EDMONTON, ALBERTA. July 29, 1971.

L. A. Brayer Industries Ltd.	26,980.00
Lockerbie and Hole Western Limited	26,979.00
Meccon Installations Ltd.	24,500.00
Commercial Refrigeration Limited	23,455.00
Associated Refrigeration Industries Limited	awarded 23,289.00

PAINTING, COURTHOUSE, WETASKIWIN, ALBERTA. July 29, 1971.

Keeler Painting & Decorating Co. Ltd.	7,189.00
Thorne Bros. Painting & Decorating Ltd.	awarded 6,500.00

EXTERIOR PAINTING, PROVINCIAL BUILDING,
VERMILION, ALBERTA. July 29, 1971.

Danny's Painting & Decorating	2,695.50
Central Painting	1,452.30
Ernest Mayowski Painting & Decorating	awarded 1,085.00

SITE DEVELOPMENT - FIRE TRAINING SCHOOL,
VERMILION, ALBERTA. August 12, 1971.

J. M. Clayton Construction Ltd.	11,313.00
Buck's Construction Co. Ltd.	9,484.50
Border Paving Ltd.	awarded 9,470.00

ROOF REPAIRS TO PORTION OF TOWER COMPLEX, BLOCKS J, H, K & L,
S.A.I.T., CALGARY, ALBERTA. August 12, 1971.

Aetna Roofing (1965) Limited	8,748.00*
Freeze Maxwell Co. Ltd.	7,242.00

UTILITIES - PROVINCIAL HORTICULTURAL STATION,
BROOKS, ALBERTA. August 19, 1971.

Dunne's Excavating Services Ltd.	awarded 14,928.50
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ERECTION & COMPLETION OF TRADE & TECHNICAL ENGINEERING COMPLEX,
PHASE I, S.A.I.T., CALGARY, ALBERTA. August 19, 1971.

Laing Construction & Equipment Limited	1,299,196.00
Commonwealth Construction Company Limited	1,281,323.00
Poole Construction Company Limited	1,272,321.00
Bird Construction Co. Ltd.	1,253,150.00
Janin Western Contractors Limited	1,249,600.00
Cascade Builders Ltd.	1,239,500.00
Bennett & White Alberta (1963) Ltd.	1,228,746.00
Oland Construction Co. Ltd.	1,228,000.00
The Foundation Company of Canada Limited	1,198,350.00
Cana Construction Co. Ltd.	awarded 1,185,245.00

CONTRACT TENDERED FOR AND TENDERERS**AMOUNT BID**

ALBERTA HEALTH CARE INSURANCE COMMISSION BUILDING,
GROAT ROAD & 118 AVENUE, EDMONTON, ALBERTA. August 19, 1971.

The Foundation Company of Canada Limited	\$2,210,000.00
Laing Construction and Equipment Limited	2,163,330.00
A. V. Carlson Construction Ltd.	2,150,766.00
Cana Construction Co. Ltd.	2,099,000.00
Alta West Construction Ltd.	2,069,443.00
Poole Construction Limited	2,066,296.00
Bird Construction Co. Ltd. awarded	2,060,185.00
Forest Construction Ltd.	2,020,925.00*

WATER & SEWER EXTENSIONS TO FOOTNER LAKE CAMP, CORRECTIONAL
INSTITUTION, PEACE RIVER, AND WATER TREATMENT PLANT ADDITION
TO CONSTRUCT FORESTRY HEADQUARTERS, FOOTNER LAKE. August 12, 1971.

Whissell Enterprises Ltd. awarded	77,445.19
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DEMOLITION AND/OR REMOVAL OF STAFF QUARTERS -
"ROSEHAVEN" HOME, CAMROSE, ALBERTA. August 19, 1971.

J. B. McDonald & Son Contractors Ltd. (By Gov't.)	7,220.00
Adby Demolition (1970) Ltd. awarded (By Gov't.)	2,900.00

DRAINAGE SYSTEM (ELEMENTARY SCHOOL & VICINITY - AREA STABILIZATION)
ATHABASCA LANDSLIDE, ATHABASCA. August 26, 1971.

J. M. Clayton Construction Ltd.	108,497.00
West Court Developments Ltd.	99,379.11
Richter McLeod Construction Ltd.	79,415.79
Borger Construction Limited awarded	71,196.00

CAMPGROUND DEVELOPMENT (SEWER MAIN EXTENSION), PROVINCIAL PARK,
MIQUELON LAKE, ALBERTA. August 26, 1971.

Whissell Enterprises Ltd.	52,974.28
Borger Construction Limited	44,175.25
Noyen Construction Ltd. awarded	37,173.50

SITE DEVELOPMENT, CONCRETE & GRAVEL WALKS AND RELATED WORK,
DEERHOME, RED DEER, ALBERTA. August 26, 1971.

Border Paving Ltd.	30,676.25
West End Concrete & Rentals Ltd.	26,562.50
Calgary Concrete & Rentals Ltd.	24,171.25
Fort Construction Company Limited	23,998.75
Ellis Construction Limited awarded	22,153.75

CAMPGROUND DEVELOPMENT, PHASE I & II (WATER & SEWER INSTALLATION)
PROVINCIAL PARK, PIGEON LAKE, ALBERTA. August 26, 1971.

Whissell Enterprises Ltd.	131,774.49
Noyen Construction Ltd.	106,111.80
Borger Construction Limited awarded	105,667.50

CONTRACT TENDERED FOR AND TENDERERS**AMOUNT BID**

STAGE I, PARKLAND WATER LINE,
STONY PLAIN, ALBERTA. August 26, 1971.

West-Court Developments Ltd.	\$1,176,525.00
Patrick Pipeline Ltd.	1,016,610.00
Arthur A. Voice Construction Co. Ltd.	987,130.25
Borger Construction Ltd.	879,236.00
Whissell Enterprises Ltd. awarded	847,061.16

CAMPGROUND DEVELOPMENT, PHASE I & II (WATER & SEWER INSTALLATION)
PROVINCIAL PARK, PIGEON LAKE, ALBERTA. August 26, 1971.

Whissell Enterprises Ltd.	131,774.49
Noyen Construction Ltd.	106,111.80
Borger Construction Ltd. awarded	105,667.50

STAGE II, PARKLAND WATER LINE,
STONY PLAIN, ALBERTA. August 26, 1971.

West-Court Developments Ltd.	187,003.00
Whissell Enterprises Ltd.	182,658.00
Fernhout Mechanical Ltd. awarded	133,413.00

ERECTION & COMPLETION OF SENIOR CITIZENS HOME,
RIMBEY, ALBERTA. September 2, 1971.

Leamac Industrial Developments Ltd.	524,400.00
Bennett & White Alberta (1963) Ltd.	524,179.00
Trans-Alta Construction Ltd.	503,777.00
West Court Developments Ltd.	501,073.00
Bird Construction Co. Ltd.	498,432.00
Enterprise Building Contractors Ltd.	495,600.00
Harsim Construction Limited	495,594.00
Joslyn & Olsen Contractors Ltd.	489,817.00
Ellis Construction Limited	479,890.00
Engineered Homes Limited awarded	470,650.00

CONCRETE WATER RESERVOIR, ALBERTA HOSPITAL,
EDMONTON, ALBERTA. September 2, 1971.

Cana Construction Co. Ltd.	87,549.00
Poole Construction Limited	82,568.00
West Court Developments Ltd.	79,591.00
M & M Construction Ltd. awarded	73,810.00

UTILITY EXTENSIONS (WATER MAIN EXTENSION), AGRICULTURAL &
VOCATIONAL COLLEGE, OLDS, ALBERTA. September 16, 1971.

Borger Construction Ltd.	79,593.50
Whissell Enterprises Ltd.	71,333.07
de Vries Bros. Construction Ltd.	58,854.00
Patco Construction Ltd.	54,575.00
Alta-West Construction (Southern) Ltd. awarded	45,530.00

CONTRACT TENDERED FOR AND TENDERERS**AMOUNT BID**

DEMOLITION AND REMOVAL OF THE "OLD GARNEAU SCHOOL BUILDING"
(FORMERLY NURSING AIDE SCHOOL), 11136 - 84 AVENUE,
EDMONTON, ALBERTA. September 16, 1971.

Alta-West Construction Ltd.	(By Gov't.)	\$ 5,694.00
Sprague Rosser Cont. Co. Ltd.	(By Gov't.)	3,100.00
J. B. MacDonald & Son Contrs. Edmonton Ltd.	(By Gov't.)	2,470.00
Atlas Demolition Ltd.	(By Gov't.)	2,200.00
Adby Demolition (1970) Ltd.	awarded (By Gov't.)	1,785.00

WATER SUPPLY, DEERHOME, RED DEER, ALBERTA. September 16, 1971.

West-Court Developments Ltd.	80,510.75
Western Hoe & Crane Ltd.	77,530.00
Whissell Enterprises Ltd.	72,162.86
Clarke Engineering Ltd.	63,619.70
de Vries Bros. Construction Ltd.	62,966.60
Borger Construction Ltd.	61,526.15
Patrick Pipeline Ltd.	60,206.80
F. M. Hayhoe Plumbing & Heating (1967) Ltd.	55,681.89
Patco Construction Ltd.	awarded 54,315.20

MECHANICAL CONTRACT TO HEAT AND VENTILATE DORMITORIES,
CORRECTIONAL INSTITUTION, CALGARY, ALBERTA. September 16, 1971.

Watson Sheet Metal Ltd.	53,900.00
Crosstown Heating & Ventilating Ltd.	51,673.00
J. K. Campbell & Associates Ltd.	48,979.00
Western Industrial Contractors Ltd.	awarded 44,328.00

ERECTION & COMPLETION OF A NINE STALL MAINTENANCE & REPAIR SHOP,
DEPT. OF HIGHWAYS & TRANSPORT, VIKING, ALBERTA. September 23, 1971.

Perlynn Construction Ltd.	161,180.00
Trans-Alta Construction Ltd.	156,168.00
Dunford Construction Ltd.	155,200.00
Enterprise Building Contrs. Ltd.	awarded 132,750.00

ERECTION & COMPLETION OF A FOUR STALL MAINTENANCE GARAGE,
DEPT. OF HIGHWAYS & TRANSPORT, BONNYVILLE, ALBERTA. September 23, 1971.

Bennett & White (1963) Ltd.	60,998.00
Valere's Construction Co. Ltd.	59,547.00
Genereux Workshop (Bonnyville) Ltd.	awarded 58,250.00

MAINTENANCE BUILDING, PHASE II, ALBERTA HORTICULTURAL
RESEARCH CENTRE, BROOKS, ALBERTA. September 23, 1971.

Leamac Industrial Developments Ltd.	133,000.00
Kenwood Engineering Construction Ltd.	133,000.00
Bird Construction Co. Ltd.	122,688.00
Remai Construction Co. (1963) Ltd.	119,700.00
Fidelity Construction Ltd.	118,587.00
V. Luksa Brick & Masonry	117,139.00
Green Construction Co. Ltd.	111,390.00
Dunford Construction Ltd.	awarded 109,822.00

CONTRACT TENDERED FOR AND TENDERERS**AMOUNT BID**

ERECTION & COMPLETION OF A FIVE STALL MAINTENANCE GARAGE & REPAIR SHOP,
DEPT. OF HIGHWAYS & TRANSPORT, HIGH PRAIRIE, ALBERTA. September 25, 1971.

Gill-B Construction Ltd.	\$ 119,780.00
Powell Construction Ltd. awarded	113,780.00

PUBLIC WORKS BUILDING #1, EDMONTON, IMPROVE VENTILATION,
TO CONSTRUCT, EDMONTON, ALBERTA. September 30, 1971.

Keeler Sheet Metal Co. Ltd.	29,864.00
Crosstown Heating & Ventilating Ltd.	29,635.00
United Ventilation & Air Conditioning Ltd.	27,650.00
Freeze Maxwell Co. Ltd. awarded	27,455.00

ERECTION & COMPLETION OF A TREASURY BRANCH,
WETASKIWIN, ALBERTA. September 30, 1971.

Alta-West Construction Ltd.	129,907.00
Leamac Industrial Developments Ltd.	124,300.00
Wolski Building Contractors Ltd. awarded	112,247.00

ACOUSTICAL SUSPENSION SYSTEMS, FOURTH FLOOR, ENERGY RESOURCES
CONSERVATION BOARD BUILDING, CALGARY, ALBERTA. October 7, 1971.

F. Drexel Co. Ltd.	13,963.00
J. E. Labbe Applicators Ltd.	11,500.00
Soundtex Interiors Ltd.	10,373.00
Vetsch Partitions Ltd.	9,870.00
Wm. Clark Application Service Ltd. awarded	8,967.00

BUILDING INSULATION, FOURTH FLOOR, ENERGY RESOURCES
CONSERVATION BOARD BUILDING, CALGARY, ALBERTA. October 7, 1971.

Fuller-Austin of Canada Ltd.	8,746.00
Henderwood Industries Ltd.	6,775.00
J. K. Campbell & Associates Ltd. awarded	5,488.00

MOVEABLE & FIXED STEEL STUD PARTITIONING, FOURTH FLOOR,
ENERGY RESOURCES CONSERVATION BOARD BUILDING,
CALGARY, ALBERTA. October 7, 1971.

Contemporary Office Interiors Ltd.	31,784.00
Wm. Clark Application Service Ltd.	30,410.00
Vetsch Partitions Ltd. awarded	29,318.00

LANDSLIDE - AREA STABILIZATION, ELEMENTARY SCHOOL & VICINITY,
ATHABASCA, ALBERTA. October 7, 1971.

Borger Construction Ltd.	193,950.00
North American Road Ltd.	173,025.00
Square M Construction Ltd.	158,180.00
Brazeau River Constructors Ltd. awarded	119,950.00

CONTRACT TENDERED FOR AND TENDERERS

AMOUNT BID

CARPETS - 4th FLOOR, ENERGY RESOURCES CONSERVATION
BOARD BUILDING, CALGARY, ALBERTA. October 14, 1971.

Century Floor Coverings	\$ 14,899.00
Eatons Contract	14,550.00
R.G.O. Office Furnishings	14,465.00
	12,399.20*
Total Plan Business Interiors	14,143.00
Simpsons Contract	13,759.00
Wm. Clarke Floor Coverings	13,403.00
Contemporary Office Interiors	13,993.00
	13,993.00
	awarded 12,860.00
	12,776.00*

SITE DEVELOPMENT, PAVING & RELATED WORK, UNIVERSITY OF ALBERTA,
EDMONTON, ALBERTA. November 4, 1971.

Alta-West Construction Ltd.	156,054.57*
Arthur A. Voice Construction Co. Ltd. ..	154,155.05
Edmonton Paving Services Ltd.	147,935.15*
O'Hanlon Paving Ltd.	146,828.65
Crown Paving & Engineering Ltd.	144,457.76
W. C. Wells Construction Co. Ltd.	awarded 139,955.00

UTILITIES, (ELECTRICAL DISTRIBUTION CENTRE), PROVINCIAL
HORTICULTURAL STATION, BROOKS, ALBERTA. November 4, 1971.

J & M Electric Limited	awarded 4,970.00
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DEMOLITION OF BUILDINGS, GOVERNMENT DEVELOPMENT AREA,
EDMONTON, ALBERTA. November 4, 1971.

J. Plazier Trucking & Excavating	(By Gov't.) 7,200.00
Hudson Construction Co. Ltd.	(By Gov't.) 4,800.00
Alta-West Construction Ltd.	(By Gov't.) 3,339.00
Aaby Demolition (1970) Ltd.	(By Gov't.) 2,575.00
J. B. McDonald & Son Contrs. Edmonton Ltd.	awarded 2,270.00

EXTENSION OF SANITARY & STORM SEWERS, HIGHWAY MAINTENANCE YARD,
GRANDE PRAIRIE, ALBERTA. November 8, 1971.

Whissell Enterprises Ltd.	54,512.76
Ken's Trenching Ltd.	awarded 34,650.40

ERECTION & COMPLETION OF A FOUR STALL MAINTENANCE GARAGE,
DEPT. OF HIGHWAYS & TRANSPORT, ALIX, ALBERTA. November 25, 1971.

Brytex Metal & Covering Ltd.	77,200.00
A. Grieb Construction Co. Ltd.	71,683.00
Saracen Construction Ltd.	70,500.00
Briden Construction Ltd.	66,000.00
Hornstrom Bros. Construction Ltd.	65,061.00
Gill-B Construction Ltd.	65,000.00
Ellis Construction Ltd.	awarded 64,613.00

CONTRACT TENDERED FOR AND TENDERERS**AMOUNT BID**

ERECTION & COMPLETION OF A FOUR STALL MAINTENANCE GARAGE,
DEPT. OF HIGHWAYS & TRANSPORT, LACOMBE, ALBERTA. November 25, 1971.

Brytex Metal & Covering Ltd.	\$ 72,350.00
Saracen Construction Ltd.	72,000.00
Briden Construction Ltd.	65,000.00
A. Grieb Construction Co. Ltd.	64,935.00
Bilodeau & Sons Ltd.	63,000.00
Hornstrom Bros. Construction Ltd.	62,049.00
Ellis Construction Ltd. awarded	61,634.00

ERECTION & COMPLETION OF A TWO STALL MAINTENANCE GARAGE,
DEPT. OF HIGHWAYS & TRANSPORT, DEWBERRY, ALBERTA. November 25, 1971.

Brytex Metal & Covering Ltd.	61,500.00
Geneureux Workshop (Bonnyville) Ltd.	57,105.00
Remai Construction Co. (1971) Ltd.	54,700.00
Briden Construction Ltd. awarded	54,000.00

ERECTION & COMPLETION OF A TWO STALL MAINTENANCE GARAGE,
DEPT. OF HIGHWAYS & TRANSPORT, BOYLE, ALBERTA. November 25, 1971.

Brytex Metal & Covering Ltd.	60,950.00
Alther Construction Ltd.	56,985.00
Briden Construction Ltd. awarded	55,000.00

ERECTION & COMPLETION OF A TWO STALL MAINTENANCE GARAGE,
DEPT. OF HIGHWAYS & TRANSPORT, SMOKY LAKE, ALBERTA. November 25, 1971.

Brytex Metal & Covering Ltd.	56,100.00
Briden Construction Ltd.	51,000.00
Alther Construction Ltd.	50,991.00
Remai Construction Co. (1971) Ltd. awarded	44,700.00

ERECTION & COMPLETION OF A FOUR STALL MAINTENANCE GARAGE,
DEPT. OF HIGHWAYS & TRANSPORT, MUSKEG, ALBERTA. November 25, 1971.

J. M. Clayton Construction Ltd.	91,860.00
Alther Construction Ltd.	86,279.00
Brytex Metal & Covering Ltd. awarded	78,200.00

ERECTION & COMPLETION OF A THREE STALL MAINTENANCE GARAGE
& REPAIR SHOP, DEPT. OF HIGHWAYS & TRANSPORT,
HANNA, ALBERTA. November 25, 1971.

Brytex Metal & Covering Ltd.	99,950.00
Briden Construction Ltd.	88,000.00
Greene Construction Co. Ltd. awarded	86,695.00

ERECTION & COMPLETION OF A FIVE STALL MAINTENANCE GARAGE
& REPAIR SHOP, DEPT. OF HIGHWAYS & TRANSPORT,
ROCKY MOUNTAIN HOUSE, ALBERTA. November 25, 1971.

Brytex Metal & Covering Ltd.	137,000.00
Gill-B Construction Ltd.	116,875.00
Hornstrom Bros. Construction Ltd.	116,128.00
Ras-Dam Construction Ltd.	113,945.00
Briden Construction Ltd. awarded	110,000.00

CONTRACT TENDERED FOR AND TENDERERS**AMOUNT BID**

ADDITION TO PROVINCIAL BUILDING, TWO HILLS, ALBERTA. November 25, 1971.

Valere's Construction Co. Ltd.	\$ 71,500.00
Remai Construction Co. (1971) Ltd.	60,600.00
D. S. Greenfield Construction Ltd.	59,900.00 *
Gill-B Construction Ltd. awarded	58,876.00

TREASURY BRANCH, LAC LA BICHE, ALBERTA. November 25, 1971.

Polaris Construction Ltd.	97,980.00
B. J. Graham Contracting Ltd.	97,244.00
Valere's Construction Co. Ltd.	93,000.00
M & M Construction Ltd. awarded	87,682.00

VENTILATION UPGRADING IN WARDS (BUILDING No. 6),
DEERHOME, RED DEER, ALBERTA. November 25, 1971.

Freeze Maxwell Co. Ltd.	27,593.00
N. M. Burnett Plumbing & Heating Ltd.	20,444.00
F. M. Hayhoe Plumbing & Heating (1967) Ltd. awarded	19,300.00

COMBINATION F/M STORAGE BUILDING & CARPENTER SHOP,
FORESTRY HEADQUARTERS, PEACE RIVER, ALBERTA. November 25, 1971.

Powell Construction Ltd.	39,500.00
Crystal Contractors Ltd.	39,364.00
B. Guthrie Engineering Co. Ltd. awarded	35,900.00

SENIOR CITIZENS' HOME, LETHBRIDGE, ALBERTA. December 2, 1971.

Engineered Homes Ltd.	562,230.00
Smith Bros. & Wilson Ltd.	522,000.00
Poole Construction Ltd.	517,450.00
Glen Little Construction Ltd.	502,423.00
Bird Construction Co. Ltd.	496,700.00
Boychuk Construction (Sask.) Ltd.	494,829.00
Kenwood Engineering Construction Ltd.	494,000.00
Getkate Construction Ltd. awarded	480,728.00

ALTERATIONS & ADDITIONS TO ADMITTING AREA, WAREHOUSE BOILER PLANT,
CORRECTIONAL INSTITUTION, CALGARY, ALBERTA. December 2, 1971.

Hurst Construction Co. Ltd.	286,505.00
Poole Construction Ltd.	258,400.00
Smith Bros. & Wilson Ltd.	258,000.00
Dunford Construction Ltd. awarded	249,747.00

DEMOLITION & REMOVAL OF WOOD FRAMED BUILDING, HIGHWAY
MAINTENANCE YARD, VEGREVILLE, ALBERTA. December 9, 1971.

Edmonton Excavating Sand & Gravel (By Gov't.)	2,375.75
Adby Demolition (1970) Ltd. (By Gov't.)	1,379.00
Alberta Remodelling & Construction Enterprises Ltd. (By Gov't.)	687.00
Welsh Building Movers Ltd. awarded (By Gov't.)	600.00

CONTRACT TENDERED FOR AND TENDERERS**AMOUNT BID**

DEMOLITION & REMOVAL OF INFIRMARY BUILDINGS, No. 7 & 9, ALBERTA SCHOOL HOSPITAL (ON BAKER MEMORIAL SANATORIUM SITE), CALGARY, ALBERTA. December 9, 1971.

J. B. McDonald & Son Contrs. Edmonton Ltd.	(By Gov't.)	\$ 30,470.00
Welke Demolition	(By Gov't.)	14,000.00
Bill Wearmouth Holdings Ltd.	(By Gov't.)	12,500.00
Adby Demolition (1970) Ltd.	awarded (By Gov't.)	11,800.00

ERECTION & COMPLETION OF A FOUR STALL MAINTENANCE GARAGE, BLACK DIAMOND, ALBERTA. December 9, 1971.

Dunford Construction Ltd.	81,678.00
J. R. Contracting Ltd.	78,991.00
Poole Construction Ltd.	73,219.00
Joyce Construction Co. Ltd.	72,978.00
Brytex Metal & Covering Ltd.	71,500.00
United Farmers of Alberta Co-Op Ltd.	awarded 64,800.00

ERECTION & COMPLETION OF A NINE STALL MAINTENANCE & REPAIR GARAGE, WHITECOURT, ALBERTA. December 9, 1971.

B. Guthrie Engineering Co. Ltd.	188,760.00
Brytex Metal & Covering Ltd.	179,900.00
Engineered Homes Ltd.	176,000.00
Cramer & Bennett Holding Co. Ltd.	175,483.00
Trans Alta Construction Ltd.	172,415.00
Joslyn & Olsen Contractors Ltd.	170,896.00
Dan Bilodeau Construction Ltd.	168,800.00
Leamac Industrial Developments Ltd.	167,800.00
H. H. A. J. Developments Ltd.	167,700.00
Briden Construction Ltd.	166,953.00
West-Court Developments Ltd.	165,061.00
Camwil Construction	163,900.00
Enterprise Building Contractors Ltd.	162,750.00
Polaris Construction Ltd.	awarded 153,479.00

TREASURY BRANCH, BLACK DIAMOND, ALBERTA. December 9, 1971.

Poole Construction Ltd.	69,258.00
G. Shortt Construction Ltd.	69,600.00
Joyce Construction Co. Ltd.	awarded 69,258.00

TO CORRECT MECHANICAL PROBLEMS IN LAND TITLES AREA, JOHN J. BOWLEN BUILDING, CALGARY, ALBERTA. December 16, 1971.

Watson Sheet Metal Ltd.	awarded 8,295.00
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ADDITION TO GYMNASIUM, YOUTH DEVELOPMENT CENTRE, EDMONTON, ALBERTA. December 16, 1971.

Bond & Leitch Ltd.	78,844.00
Poole Construction Ltd.	77,000.00
Touw Construction Ltd.	74,779.00
Leamac Industrial Developments Ltd.	71,800.00
B. J. Graham Contracting Ltd.	awarded 70,829.00

CONTRACT TENDERED FOR AND TENDERERS**AMOUNT BID****PROVINCIAL BUILDING, BROOKS, ALBERTA. December 23, 1971.**

The Foundation Co. of Canada Ltd.	\$ 419,813.00
Smith Bros. & Wilson Ltd.	416,000.00
Glen Little Construction Ltd.	413,024.00
Kenwood Engineering Construction Ltd.	413,000.00
Poole Construction Ltd.	410,883.00
Boychuk Construction (Sask.) Ltd.	400,974.00
Bird Construction Co. Ltd.	396,969.00
Green Construction Co. Ltd.	394,644.00
Necker & Woefle Construction Co. Ltd. awarded	375,000.00

**TO IMPROVE VENTILATION - TO CONSTRUCT, MUNICIPAL AFFAIRS
BUILDING, EDMONTON, ALBERTA. December 23, 1971.**

Associated Refrigeration Industries Ltd.	23,884.00
Keeler Sheet Metal Co. Ltd.	19,444.00
United Ventilation & Air Conditioning Ltd.	19,142.00
Freeze Maxwell Co. Ltd.	18,704.00
Crosstown Heating & Ventilating Ltd. awarded	18,586.00

**CONSTRUCTION OF STUDENT ACTIVITIES BLDG., PHASE I, N.A.I.T.,
EDMONTON, ALBERTA. December 23, 1971.**

Laing Construction & Equipment Ltd.	2,702,800.00
Smith Bros. & Wilson, Ltd.	2,647,273.00
Poole Construction Ltd.	2,585,530.00
Alta-West Construction Ltd.	2,544,341.00
Cana Construction Co. Ltd. awarded	2,515,000.00

**EXTENSIONS TO MAIN LODGE, SENIOR CITIZENS HOME,
CAMROSE, ALBERTA. January 13, 1972.**

Wolski Building Contractors Ltd.	96,000.00
A. Grieb Construction Co. Ltd.	81,828.00
West-Court Developments Ltd.	78,787.00
C. Burrows Construction Ltd.	76,693.00
Enterprise Building Contractors Ltd.	71,475.00
Jubilee Construction Ltd. awarded	62,738.00

**EXTENSION TO MAIN LODGE, SENIOR CITIZENS HOME,
LACOMBE, ALBERTA. January 13, 1972.**

Saracen Construction Ltd.	79,000.00
West-Court Developments Ltd.	77,374.00
Enterprise Building Contractors Ltd.	76,800.00
A. Grieb Construction Co. Ltd.	73,831.00
Ellis Construction Ltd. awarded	69,950.00

**EXTENSION TO MAIN LODGE, SENIOR CITIZENS HOME,
LEGAL, ALBERTA. January 13, 1972.**

Alberta Remodelling & Construction Enterprises Ltd.	99,993.85
Cavan Construction Ltd.	80,952.00
H. Schrempf Construction Ltd.	78,400.00
West-Court Developments Ltd.	78,063.00
H. H. A. J. Developments Ltd.	77,200.00
Gill-B Construction Ltd.	75,700.00
Enterprise Building Contractors Ltd. awarded	71,450.00

CONTRACT TENDERED FOR AND TENDERERS**AMOUNT BID**

EXTENSION TO MAIN LODGE, SENIOR CITIZENS HOME,
LLOYDMINSTER, ALBERTA. January 13, 1972.

Nelson Lumber Co. Ltd.	\$ 95,312.00
West-Court Developments Ltd.	79,376.00
Wild & Welin Construction Ltd.	awarded 74,523.00

EXTENSION TO MAIN LODGE, SENIOR CITIZENS HOME,
TABER, ALBERTA. January 13, 1972.

West-Court Developments Ltd.	84,131.00
Glen Little Construction Ltd.	76,193.00
Wesbridge Construction Ltd.	72,200.00
Gillett Construction Ltd.	71,245.00
Henry Hardy Construction Ltd.	awarded 70,659.00

EXTENSION TO MAIN LODGE, SENIOR CITIZENS HOME,
VEGREVILLE, ALBERTA. January 13, 1972.

Ed's Contracting	76,231.00
West-Court Developments Ltd.	76,117.00
Valere's Construction Co. Ltd.	75,911.00
Enterprise Building Contractors Ltd.	awarded 71,475.00

EXTENSION TO MAIN LODGE, SENIOR CITIZENS HOME,
VIKING, ALBERTA. January 13, 1972.

Saracen Construction Ltd.	83,725.00
C. Burrows Construction Ltd.	80,591.00
Valere's Construction Co. Ltd.	75,911.00
West-Court Developments Ltd.	75,904.00
Enterprise Building Contractors Ltd.	awarded 72,130.00

EXTENSION TO MAIN LODGE, SENIOR CITIZENS HOME,
VULCAN, ALBERTA. January 13, 1972.

Glen Little Construction Ltd.	84,647.00
West-Court Developments Ltd.	83,755.00
Wesbridge Construction Ltd.	79,900.00
Gillett Construction Ltd.	75,117.00
Henry Hardy Construction Ltd.	awarded 74,995.00

EXTENSION TO MAIN LODGE, SENIOR CITIZENS HOME,
WESTLOCK, ALBERTA. January 13, 1972.

Cavan Construction Ltd.	81,425.00
H. Schrempf Construction Ltd.	78,250.00
West-Court Developments Ltd.	78,067.00
H. H. A. J. Developments Ltd.	76,500.00
Gill-B Construction Ltd.	75,700.00
Enterprise Building Contractors Ltd.	awarded 72,375.00
DeHaan Plumbing & Heating Ltd.	14,095.00

CONTRACT TENDERED FOR AND TENDERERS**AMOUNT BID**

UTILITY SERVICES, PHASE IIB, S.A.I.T., CALGARY, ALBERTA. January 13, 1972.

Commonwealth Construction Co. Ltd.	\$1,015,518.00
Alta-West (Southern) Ltd.	989,532.00
Foundation Co. of Canada Ltd.	973,878.00
Poole Construction Ltd.	971,724.00
Bird Construction Co. Ltd.	964,959.00
Cana Engineering Ltd.	961,561.00
Smith Bros. & Wilson, Ltd. awarded	949,000.00

CONNECTIONS TO NEW UTILITIES TUNNEL, ALBERTA RESEARCH COUNCIL,
UNIVERSITY OF ALBERTA CAMPUS, EDMONTON, ALBERTA. January 13, 1972.

Meccon Installations Ltd.	56,519.00
Poole Construction Ltd.	54,578.00
Industrial Power Installations (Edmonton) Ltd.	52,898.00
Heron Construction Ltd.	51,869.00
Camwil Construction	49,700.00
Alta-West Construction Ltd.	43,478.00
Cana Construction Co. Ltd. awarded	42,900.00

EXTENSION TO MAIN LODGE, SENIOR CITIZENS HOME,
BARRHEAD, ALBERTA. January 13, 1972.

Polaris Construction Ltd.	91,913.00
Cavan Construction Ltd.	82,682.00
H. Schrempf Construction Ltd.	78,700.00
West-Court Developments Ltd.	78,609.00
H. H. A. J. Developments Ltd.	76,900.00
Gill-B Construction Ltd.	76,400.00
Enterprise Building Contractors Ltd. awarded	71,275.00
De Haan Plumbing & Heating Ltd.	13,895.00*

EXTENSION TO MAIN LODGE, SENIOR CITIZENS HOME,
BONNYVILLE, ALBERTA. January 13, 1972.

Wild & Welin Construction	89,550.00
Genereux Workshop (Bonnyville) Ltd.	79,700.00
Dan Bilodeau Construction Ltd.	79,600.00
R. Vincent Construction Ltd.	75,700.00
West-Court Developments Ltd.	74,777.00
Valere's Construction Co. Ltd. awarded	72,995.00

SENIOR CITIZEN'S HOME, DRAYTON VALLEY, ALBERTA. January 20, 1972.

Poole Construction Ltd.	576,389.00
Camwil Construction	568,700.00
Engineered Homes Ltd.	560,900.00
West-Court Developments Ltd.	555,181.00
Norman Nilsen Construction Ltd.	550,468.00
Forest Construction Ltd. awarded	546,890.00
Joslyn & Olsen Contractors Ltd.	529,498.00

CONTRACT TENDERED FOR AND TENDERERS

AMOUNT BID

SENIOR CITIZENS HOME, SEDGEWICK, ALBERTA. January 20, 1972.

C. Burrows Construction Ltd.	\$ 600,381.00
Poole Construction Ltd.	576,023.00
Bennett & White Alberta (1963) Ltd.	560,452.00
Engineered Homes Ltd.	556,700.00
West-Court Developments Ltd.	556,176.00
Norman Nilsen Construction Ltd.	543,783.00
Forest Construction Ltd. awarded	543,335.00
Joslyn & Olsen Contractors Ltd.	521,254.00

DEMOLITION OF WOODWARDS WAREHOUSE, (LAW COURTS AREA), EDMONTON, ALBERTA. January 20, 1972.

West-Court Developments Ltd. (By Gov't.)	73,453.00
Adby Demolition (1970) Ltd. (By Gov't.)	36,259.00
J. B. McDonald & Son Contractors Edmonton Ltd. (By Gov't.)	29,970.00
Atlas Demolition Ltd. awarded (By Gov't.)	18,470.00

ADDITION TO GYMNASIUM (PH. II), CORRECTIONAL INSTITUTION, FORT SASKATCHEWAN, ALBERTA. January 20, 1972.

Cavan Construction Ltd.	87,723.00
Camwil Construction	79,425.00
Alberta Remodelling & Constrn. Enterprises Ltd. awarded	77,760.00

UTILITIES, NEW TRUNK SEWERS & WATER HYDRANTS, HEALTH SCIENCES CENTRE, CALGARY, ALBERTA. January 20, 1972.

Alta-West Construction (Southern) Ltd.	145,660.00
Whissell Enterprises Ltd.	92,024.61
I. W. Campbell Construction Ltd.	91,065.00
Cana Engineering Ltd.	87,165.00
Borger Equipment Ltd.	83,897.75
DeVries Bros. Construction Ltd. awarded	76,965.00

TREASURY BRANCH, PICTURE BUTTE, ALBERTA. January 27, 1972.

Chronik Construction Ltd.	80,000.00
Gillett Construction Ltd.	79,980.00
G. Shortt Construction Ltd.	77,284.00
Wesbridge Construction Ltd.	74,200.00
Henry Hardy Construction Ltd. awarded	69,677.00

VENTILATION UPGRADING IN WARDS, (BUILDING No. 1), DEERHOME, RED DEER, ALBERTA. January 27, 1972.

Crest Plumbing & Heating Ltd.	31,765.00
Crosstown Heating & Ventilating Ltd.	26,292.00
Freeze Maxwell Co. Ltd.	25,722.00
F. M. Hayhoe Plumbing & Heating Ltd. awarded	20,613.00

VENTILATION UPGRADING IN WARDS (BUILDING No. 2), DEERHOME, RED DEER, ALBERTA. January 27, 1972.

Crest Plumbing & Heating Ltd.	31,765.00
Crosstown Heating & Ventilating Ltd.	26,292.00
Freeze Maxwell Co. Ltd.	25,722.00
F. M. Hayhoe Plumbing & Heating Ltd. awarded	20,613.00

CONTRACT TENDERED FOR AND TENDERERS**AMOUNT BID**

AIR CONDITIONING SYSTEM (ELECTRICAL RENOVATIONS),
PROVINCIAL BUILDING, LAC LA BICHE, ALBERTA. January 27, 1972.

Johnson Bros. Electric Co. (Edmonton) Ltd.	\$	9,800.00
Great West Electric Ltd. awarded		5,320.00

ALTERATIONS TO TEACHING BUILDINGS, DEVELOPMENT OF FOURTH FLOOR,
BLOCK "J", S.A.I.T., CALGARY, ALBERTA. February 10, 1972.

McTavish, McKay & Co. Ltd.	71,458.00
Keller Construction Ltd.	68,732.00
Priddy Bros. Construction Ltd.	67,200.00
Alta-West Construction (Southern) Ltd.	66,446.00
Boulder Construction Builders Ltd.	65,748.00
Poole Construction Ltd.	65,714.00
Hurst Construction Co. Ltd.	65,289.00
Watson Construction Ltd. awarded	64,081.00
Bird Construction Co. Limited	54,639.00

RENOVATIONS TO OFFICES, ABERHART MEMORIAL
SANATORIUM, EDMONTON, ALBERTA. February 24, 1972.

Cana Construction Co. Ltd.	128,400.00
Alberta Remodelling & Constrn. Enterprises Ltd.	127,518.00
Trans-Alta Construction Ltd.	122,805.00
Camwil Construction	121,507.00
Poole Construction Ltd.	118,684.00
Keller Construction Ltd.	114,651.00
State Construction Ltd.	112,900.00
Alta-West Construction Ltd.	111,111.00
Cavan Construction Ltd.	106,618.00
Joslyn & Olsen Contractors Ltd. awarded	102,327.00

ADMINISTRATION BUILDING, CORRECTIONAL INSTITUTE,
LETHBRIDGE, ALBERTA. February 24, 1972.

Earl & Crane Const. Ltd.	79,894.00
Henry Hardy Construction Ltd.	69,798.00
Gillett Construction Ltd.	69,200.00
Boychuck Construction (Sask.) Ltd.	68,998.00
Glen Little Construction Ltd.	68,791.00
Kenwood Engineering Construction Ltd.	68,700.00
Wesbridge Construction Ltd. awarded	64,850.00

EXTENSION TO MAIN LODGE, SENIOR CITIZENS HOME,
STRATHMORE, ALBERTA. February 24, 1972.

Holly Engineering Contractors Ltd.	86,620.00
Alta-West Construction Ltd.	82,075.00
Celtic Construction Ltd.	81,534.00
Dan Bilodeau Construction Ltd. awarded	76,300.00

CONTRACT TENDERED FOR AND TENDERERS**AMOUNT BID**

DEMOLITION OF KING CONSTRUCTION BUILDING, HIGHWAY
MAINTENANCE YARD, WAINWRIGHT, ALBERTA. March 9, 1972.

R. E. N. Ditching	(By Gov't.)	\$ 2,050.00
Dibben Construction	(By Gov't.)	1,225.00
Homer Marchand	(By Gov't.)	865.00
Anton Hopaluk	(By Gov't.)	850.00
N. Anderson Building Construction	(By Gov't.)	600.00
Avonglen Gospel Mission	(By Gov't.)	600.00
Kenting Oilfield Service Ltd.	awarded (By Gov't.)	200.00

PROVINCIAL BUILDING, VEGREVILLE, ALBERTA. March 23, 1972.

Graham Construction Ltd.	474,664.00
Cramer & Bennett Holding Co. Ltd.	467,230.00
State Construction Ltd.	465,956.00
Cana Construction Co. Ltd.	465,465.00 *
Briden Construction Ltd.	465,433.00
Bird Construction Co. Ltd.	464,259.00
Forest Construction Ltd.	454,019.00
Poole Construction Ltd.	awarded 443,558.00

OFFICE BUILDING, PROVINCIAL PARK,
CYPRESS HILLS, ALBERTA. March 23, 1972.

Necker & Woelfle Construction Co. Ltd.	999,240.00
MacWilliam Construction Co. Ltd.	127,712.00
F. Wahl Construction Ltd.	114,359.00
D & H Construction Ltd.	112,106.00
Remai Construction Co. (1971) Ltd.	107,600.00
Gillett Construction Ltd.	awarded 106,456.00
Gill-B Construction Ltd.	93,200.00

PROJECTS COMPLETED — April 1, 1971 to March 31, 1972

Project and Location	Contractor	Tender Price	Extras	Total Cost	Acceptance Date
OLIVER - Office Building, Tree Nursery	Challenge Homes Limited	\$ 51,800.00	\$ 38.16	\$ 51,838.16	April 15, 1971
THORHILD - Senior Citizens' Home	Trans-Alta Construction Ltd.	\$ 397,786.00	\$ 5,408.77	\$ 403,194.77	April 15, 1971
FORT McMURRAY - Metal Warehouse, Alberta Voc. Training Centre	Camwil Construction Limited	\$ 26,681.00	\$ 600.00	\$ 27,281.00	April 28, 1971
RED DEER - 4-Stall Highway Maintenance Garage	D. S. Greenfield Construction Ltd.	\$ 47,748.00	\$ 209.66	\$ 47,957.66	May 7, 1971
ROCKY MOUNTAIN HOUSE - Forestry Garage Add. & Carpentry Shop	Ras-Dam Construction Limited	\$ 43,980.00	\$ 36.00 cr.	\$ 43,944.00	May 19, 1971
KILLAM - 4-Stall Highway Maintenance Garage	Saracen Construction Limited	\$ 47,900.00	\$ 78.58 cr.	\$ 47,821.42	June 1, 1971
EDMONTON - Sewerage Distribution System, Phase VI, U. of A.	Alta-West Construction Ltd.	\$ 392,865.00	\$ 500.00	\$ 393,365.00	June 3, 1971
EDMONTON - Jasper Place Treasury Branch Addition	Dot Holdings Limited	\$ 77,750.00	\$ 614.30	\$ 78,364.30	June 4, 1971
BON ACCORD - 4-Stall Highway Maintenance Garage	Watson (Tofield) Limited	\$ 45,044.00	\$ 66.76 cr.	\$ 44,977.24	June 7, 1971
HINTON - 5-Stall Highway Maintenance Garage	Gill-B Construction Ltd.	\$ 85,775.00	\$ 28.09	\$ 85,803.09	June 17, 1971
FORT MACLEOD - Courthouse	Gillett Construction Limited	\$ 207,800.00	\$ 2,296.58	\$ 210,096.58	June 25, 1971
VULCAN - 4-Stall Highway Maintenance Garage	Schuler Construction Limited	\$ 58,393.61	\$ 47.53 cr.	\$ 58,346.08	June 28, 1971
OLDS - 4-Stall Highway Maintenance Garage	Watson (Tofield) Limited	\$ 54,228.00	\$ 50.16 cr.	\$ 54,177.84	July 2, 1971
BIESEKER - 4-Stall Highway Maintenance Garage	D. S. Greenfield Construction Ltd.	\$ 54,472.00	\$ 17.38 cr.	\$ 54,454.62	July 15, 1971
OYEN - 4-Stall Highway Maintenance Garage	Saracen Construction Ltd.	\$ 51,463.00	\$ 44.58 cr.	\$ 51,418.42	July 15, 1971

Project and Location	Contractor	Tender Price	Extras	Total Cost	Acceptance Date
EDMONTON - Ext. of High Voltage Cable System, Government Area	Canadian International Comstock Company Limited	\$ 104,795.00	\$ 9.97 cr.	\$ 104,785.03	July 21, 1971
CALGARY - Courthouse - Underground Parking & Related Alterations	Smith Bros. & Wilson Limited	\$ 387,573.00	\$ 590.32	\$ 388,163.32	July 27, 1971
GRIMSHAW - Treasury Branch	Gordey Construction Limited	\$ 73,014.00	\$ 490.00	\$ 73,504.00	July 30, 1971
RED DEER - Add. Power Line and Upgrading Switchboard	Commercial Electric Co. Ltd.	\$ 34,234.00	\$ 1,334.20	\$ 35,568.20	August 4, 1971
EDMONTON - Utilities Services Tunnel, Phase IIB, U. of A.	SerCon Contractors Limited	\$1,464,000.00	\$ 89,128.09	\$1,553,128.09	August 16, 1971
PEACE RIVER - Addition to Forestry Headquarters	Poole Construction Limited	\$ 135,648.00	\$ 499.43	\$ 136,147.43	August 26, 1971
FAIRVIEW - Hog Studies Barn	Rycroft Cooperative Assoc. Ltd.	\$ 75,787.00	\$ Nil	\$ 75,787.00	September 8, 1971
EDMONTON - South Power Plant, Absorption Unit #2 and Additions, U. of A.	Canadian International Comstock Company Limited	\$ 167,427.00	\$ 502.69	\$ 167,929.69	September 14, 1971
EDMONTON - Central Cooling Plant, Condenser Water Pump Station - U. of A.	Cam-Set Mechanical Contractors Limited	\$ 248,559.00	\$ 8,663.99	\$ 257,222.99	September 17, 1971
FORT McMURRAY - Gymnasium, Voc. Training Centre	Alta-West Construction Ltd.	\$ 187,500.00	\$ 377.98	\$ 187,877.98	September 22, 1971
FORT MACLEOD - 4-Stall Highway Maintenance Garage	D. S. Greenfield Constr. Ltd.	\$ 52,266.00	\$ 59.22	\$ 52,325.22	September 23, 1971
VERMILION - AC/DC Welding Machine Modification, A. & V. College	Matthews Electric Limited	\$ 6,310.00	\$ Nil	\$ 6,310.00	September 27, 1971
CALGARY - S.A.I.T., 4th Floor Alterations, Block 'R'	Bird Construction Company Ltd.	\$ 134,141.00	\$ 1,745.86 cr.	\$ 132,395.14	September 30, 1971
CALGARY - Utilities Dist. System, Phase II, Health Sciences Centre	Cana Engineering Limited	\$ 309,955.00	\$ 2,632.11	\$ 312,587.11	September 30, 1971
MORINVILLE - 4-Stall Highway Maintenance Garage	M. Drewoth Construction Ltd.	\$ 36,850.00	\$ 119.13	\$ 36,969.13	October 5, 1971

Project and Location	Contractor	Tender Price	Extras	Total Cost	Acceptance Date
FORT SASKATCHEWAN - Gymnasium, Correctional Institute	Camwill Construction	\$ 73,500.00	\$ 6,035.80	\$ 79,535.80	October 15, 1971
METAL STORAGE SHEDS - Various locations (Total 15)	Brytex Metal & Covering Ltd.	\$ 60,589.00	\$ Nil	\$ 60,589.00	October 15, 1971
EDMONTON - Utilities Services Tunnel, Phase IIC, U. of A.	Brown & Root Limited	\$1,511,300.00	\$ 49,939.67	\$1,561,239.67	October 27, 1971
EDMONTON - Air Condition the 6th Floor, Natural Resources Bldg.	Associated Refrigeration Industries Ltd.	\$ 23,289.00	\$ Nil	\$ 23,289.00	November 1, 1971
SALT STORAGE SHEDS - For Dept. of Highways & Transport - Various Locations	Beton Structures Limited	\$ 52,632.20	\$ 429.45	\$ 53,061.65	Various Dates
WHITECOURT - Addition to Office Bldg., Forestry Headquarters	H.I.H.A.J. Developments Ltd.	\$ 43,950.00	\$ 609.80	\$ 44,559.80	December 21, 1971
HINTON - Addition to Forestry Technology School	Cramer & Bennett Holding Co. Ltd.	\$ 124,734.00	\$ 31.74 cr.	\$ 124,702.26	December 22, 1971
EDMONTON - Util. Services Corr., Phase III-A/B, U. of A.	Cana Engineering Limited	\$1,479,550.00	\$ 6,397.19	\$1,485,947.19	January 21, 1972
INNISFAIL - Treasury Branch	Ellis Construction Limited	\$ 75,160.00	\$ 234.25	\$ 75,394.25	January 18, 1972
STONY PLAIN - 6-Stall Highway Maintenance Garage	Briden Construction Limited	\$ 83,300.00	\$ Nil	\$ 83,300.00	January 31, 1972
PEACE RIVER - Roothouse, Correctional Institution	Beton Structures Limited	\$ 60,242.75	\$ 5,326.68	\$ 65,569.43	February 3, 1972
PEACE RIVER - Implement Storage Shed - Corr. Institute	Hi-Line Construction Limited	\$ 30,716.00	\$ 2,764.00	\$ 33,480.00	February 23, 1972
EDMONTON - Public Works Building #1, Improve Ventilation	Freeze Maxwell Company Ltd.	\$ 27,455.00	\$ Nil	\$ 27,455.00	February 23, 1972
CALGARY - Heat & Ventilate Dorms., Correctional Institution	Western Industrial Contractors Limited	\$ 44,328.00	\$ 65.46 cr.	\$ 44,262.54	March 6, 1972
CALGARY - Arts Complex, Parking Structure, S.A.I.T.	Alta-West Construction Ltd.	Amount included with the Arts Complex Tender Price			March 13, 1972

Project and Location	Contractor	Tender Price	Extras	Total Cost	Acceptance Date
CALGARY - Correct Mechanical Problems in Land Titles Area, John J. Bowlen Building	Watson Sheet Metal Limited	\$ 8,295.00	\$ Nil	\$ 8,295.00	March 22, 1972
BONNYVILLE - 4-Storey Highway Maintenance Garage	Genereux Workshop (Bonnyville) Ltd.	\$ 58,250.00	\$ 508.20	\$ 58,758.20	March 30, 1972
EVANSBURG - 5-Storey Highway Maintenance Garage	Gill-B Construction Limited	\$ 99,600.00	\$ Nil	\$ 99,600.00	March 30, 1972
	TOTAL	\$8,918,635.56	\$ 184,143.74	\$9,102,779.30	

Total change orders for all of the above projects equal 2.06% of total tender value

**CONSULTING ARCHITECTS AND ENGINEERS COMMISSIONED BY THE
DEPARTMENT OF PUBLIC WORKS DURING
THE FISCAL YEAR 1971-72**

<u>Consultant</u>	<u>Type of Service</u>	<u>Project</u>
John Duby, Ph.D., P.Eng.	Engineering, Study and Evaluation	Operation of D.P.W. Construction Branch
Flavio Toscano	Architectural	Youth Assessment Centre, GRANDE PRAIRIE for the Juvenile Offenders Branch, Dept. of Social Development
Epec Consulting Ltd.	Engineering	Forestry H.Q., FOOTNER LAKE Water Treatment Plant Addn. and Correctional Institution, Peace River Water & Sewer Extensions, FOOTNER LAKE Camp
Associated Engineering Services Ltd.	Municipal Engineering	Agricultural Building, Site Development (Paving & Related Work), EDMONTON
Glen W. Parsons	Architectural	Maintenance Bldg, Ph. II, Alberta Horticultural Research Centre, BROOKS
William Hnidan	Architectural	Provincial Building, VEGREVILLE
Beatson, Finlayson Architects	Architectural	Four Senior Citizens Homes, RIMBEY, LETHBRIDGE, DRAYTON VALLEY and SEDGEWICK
Dennis & Freda O'Connor & Maltby	Architectural	Dining Hall, A.V.C., FAIRVIEW
Interform Planning & Design Ltd.	Architectural	Site Development, Health Sciences Centre, CALGARY
Munzel, Thorkelsson, Gordon & Mangold	Architectural	Extension to N.A.I.T., EDMONTON
Cohos, Delesalle & Evamy	Architectural	Ph. I, Campus Services Bldg., S.A.I.T., CALGARY
Status Projects Planning Ltd.	Consulting	Parking Structure, S.A.I.T., CALGARY
Cohos, Delesalle & Evamy	Architectural	Ph. II, Trade & Technical Engineering Complex, S.A.I.T., CALGARY
Ross M. Stanley	Architectural	Education Wing, Youth Development Centre, Belmont, EDMONTON
Bond & Mogridge	Architectural	Cottage Group #1 and One Cottage of Group #4, Alberta School Hospital, CALGARY
Lurie & Neufeld	Architectural	Administration Bldg. at Correctional Inst., LETHBRIDGE

<u>Consultant</u>	<u>Type of Service</u>	<u>Project</u>
Abugov & Sunderland	Architectural	Provincial Building, STETTLER
Frank T. Holman	Architectural	Trade Training Shops, Gym & Auditorium, Provincial Inst., BOWDEN
David M. McLeod & Associates	Architectural	Security Unit, Youth Development Centre, Belmont, EDMONTON
Harold Hanen P.A.R.D. Associates Ltd.	Architectural	New Ward Building, Alberta School Hospital, RED DEER
D. Panar & Associates Engineering Ltd.	Engineering	Utilities, University of Alberta Area, South Power Plant, Boiler Addn., EDMONTON
Yewchuk Engineering Ltd.	Engineering	Improve Ventilation, to construct, Municipal Affairs Building, EDMONTON
Whittaker, Laviolette, Leckie & Co. Ltd.	Engineering	Area Soil Stabilization, Athabasca Elementary School & Vicinity
John A. MacDonald	Architectural	Provincial Building, WETASKIWIN
Kostenuke Forest & Associates Ltd.	Mechanical & Electrical Engineering	Provincial Horticultural Stn., Potato Storage, BROOKS
Paul Tarjan	Architectural	Youth Development Centre, CALGARY
Lurie & Neufeld	Architectural	Office Building, Provincial Park, CYPRESS HILLS
Hilliker & Bishop Ltd.	Mechanical Engineering	Campus Maintenance Building, A.V.C., VERMILION
Howard & Robert Bouey	Architectural	Cottage Group #2 (Ph. II), Alberta School Hospital, EDMONTON
Groves, Hodgson	Architectural	Ph. I, Academic Bldg., Forestry Training School, HINTON
Siemens Engineering Ltd.	Engineering	Ventilation Upgrading in Wards, Deerhome, RED DEER
Stavro Melathopolous	Architectural	Treasury Branch, CALGARY
Lurie & Neufeld	Architectural	Youth Assessment Centre, LETHBRIDGE
Donald L. Pinckston	Architectural	Renovations to Offices, Aberhart Memorial Sanatorium, EDMONTON
De Leuw Cather & Co. of Canada Ltd.	Traffic Engineering	Provincial Northern Auditorium, Site Development (Parking & Traffic), EDMONTON

<u>Consultant</u>	<u>Type of Service</u>	<u>Project</u>
Associated Engineering Services Ltd.	Municipal Engineering	Site Development (Water Supply) Provincial Park, CYPRESS HILLS
Associated Engineering Services Ltd.	Engineering	Provincial Horticultural Stn., Utilities, BROOKS, and Tillebrook Trans Canada Campsite Provincial Park, Campground Development
Kostenuke, Forest & Associates Ltd.	Mechanical & Electrical Engineering	Laboratory Building, Provincial Horticultural Stn., BROOKS
H. W. Klassen & Associates Ltd.	Engineering	Utilities, Distribution System (Central Power Plant Refrig. Equipment), Health Sciences Centre, CALGARY
H. W. Klassen & Associates Ltd.	Mechanical & Electrical Engineering	Alterations to Teaching Bldgs., 4th Floor "J" Block, Southern Alberta Institute of Technology, CALGARY
Strong, Lamb & Nelson Ltd.	Municipal Engineering	Campground Development, Prov. Park, BOW VALLEY
Bell, Spotowski, Architects Ltd.	Architectural	Forecourt & Parking, The Law Courts, EDMONTON
J. Burroughs & R. Ehler Land Plan Associates	Planning	Site Development, Health Sciences Centre, CALGARY
Walter Jungkind	Design Consulting	Symbol or Logotype for Treasury Branches
Control Land Surveys Ltd.	Extend Control Systems	Control Survey System — Alberta Hospital, EDMONTON, Youth Development Centre, Belmont, EDMONTON and Rehabilitation Centre, Belmont, EDMONTON
W. R. Cheriton & Associates Ltd.	Electrical	Utilities — University of Alberta Area, EDMONTON, Electrical Distribution System (Electrical Service to Aberhart Hospital Complex)
Saxby & Pokorny	Architectural	New Office Building, Alberta Horticultural Research Centre, BROOKS

ANNUAL REPORT 1971/1972

ARCHITECTURAL BRANCH

DEPARTMENT OF PUBLIC WORKS

The Architectural Branch fulfills two main functions, the first is the provision of unstructured advisory services pertaining to design and construction matters for all government departments, committees, boards, commissions or public bodies.

The other important function is the architectural stewardship of all Capital Construction Programs which are passed by Legislature and funded under capital account appropriations 2682 and 2683 of the annual budget.

Total expenditures in 1971/72 under the Capital Sites and Construction appropriation 2682 were in excess of \$39.5 million for the following Client Departments:

Agriculture	\$ 1,108,271.39
Alberta Health Care Insurance Commission	692,297.01
Attorney General	10,139,922.12
Education	10,714,680.21
Environmental Improvement	9,674.52
Executive Council	688,930.59
Health	1,149,758.21
Highways & Transport	1,448,243.31
Industry & Tourism	387,916.99
Lands & Forests	3,881,259.28
Municipal Affairs	618,936.41
Provincial Secretary	27,598.93
Public Works	6,073,507.08
Social Development	1,583,411.01
Treasury	449,800.19
Youth	38,184.65
Contingencies	14.36
TOTAL	\$39,512,406.26

Of this, full architectural services were provided by the staff of the Architectural Branch for 206 projects with expenditures in the amount of \$6,161,870.04. Also included in the above total are capital expenditures amounting to \$22,189,266.35 for work designed and planned by private Prime Consultants, whose services were being coordinated by the Principal Architects under the direction of the Chief Architect.

A total of 36 Prime Consultant firms were under commission by the Department of Public Works, Architectural Branch, for design, planning and construction phase services on 49 major projects. The total funds paid out to these firms amounted to \$1,627,434.67 which includes total fees of Prime Consultants and their Sub-Consultants, reimbursement of expenses, costs of tests and other services. Fees paid were in accordance with the 1970 fee schedule of the Department of Public Works "Term of Employment and Methods of Procedure for Private Prime Consultants".

Unstructured advisory services relative to project feasibility and need, medium and long range planning, functional and architectural programming and cost evaluations accounted for 28.75% of total computerized time expended by the staff. We predict that this percentage will increase for successive years, since more emphasis is gradually being placed by Client Departments upon increased unstructured front end analysis and evaluation for planned program budgeting.

All activities of the Architectural Branch were fully computerized for the entire fiscal period, relating our production volume to manpower cost and requirements.

The operation of the Architectural Branch, Edmonton Office, is directed by the Chief Architect who is assisted by the Architectural Co-ordinator. Directly responsible to the Chief Architect are the following section heads:

- Three Principal Architects
- One Supervising Architect
- One Specification Writer Supervisor
- One Landscape Development Supervisor
- One Acoustician
- One Interior Design Supervisor.

During the past fiscal year, two Interior Designers have been appointed to open positions while the following positions were vacated:

- One Technologist II - resigned
- One Technologist II - transferred
- One Technologist III - retired

On March 31, 1972, the Architectural Branch, Edmonton Office, had a total staff of 45, consisting of the following:

- 10 Architects
 - 1 Architectural Co-ordinator
 - 4 Specifications Writers and/or Quantity Surveyors
- 12 Architectural Technologists
 - 1 Acoustician
 - 1 Acoustics Technologist
 - 1 Agrologist
 - 6 Landscape Technologists
 - 3 Interior Designers
 - 1 Interior Design Technologist
 - 5 Clerical Staff

This includes all staff of the following four Special Design and Production Groups of the Architectural Branch:

1. THE LANDSCAPE DEVELOPMENT GROUP of the Architectural Branch provides landscape recommendations and designs for Government sites and examines all landscape designs prepared by private consultants.

Landscape design evaluations involve the choice of plant material as to height, color and display arrangement and the effects of plants for year round beauty.

Complete working drawings are required for new sites prior to commencement of site work by either landscape contractors, the Client Departments own forces or the Physical Plant Division. Major landscape projects completed during the past year include the Northern Alberta Jubilee Auditorium in Edmonton, the Queen's Printer Building in Edmonton, Alberta Vocational Centre in Edmonton, and the Senior Citizens' Homes in Lac La Biche and Thorhild.

A continuing evaluation program of existing sites has enabled this section to recommend improvements which have been executed in progressive steps. Landscape master-planning is essential before changes are recommended, such as horticultural procedures, choice of plant material and designs to unify the sites as a whole. Progressive stages have continued on the Legislative Building Grounds and the Agricultural and Vocational College in Olds.

Landscape design concepts are continually under study in order to achieve the desired standards at a minimum cost and to create a pleasing setting on each site.

2. THE ACOUSTICS GROUP of the Architectural Branch is in charge of all acoustical matters which relate to Government buildings throughout the Province. Guidance is provided to the Principal Architects or private prime consultants at early stages in the planning and design of new buildings in order to keep costs for acoustical considerations at a minimum. Investigations are made into all problems with respect to architectural acoustics; these include reverberation, sound insulation and noise. Recommendations usually incorporate detailed drawings and specifications.

In addition to continuous work, the Acoustics Group provided services on twenty-one new projects during the past fiscal year. This included work on the Law Courts in Edmonton, the Provincial Judges Court and Remand Centre in Calgary and a noise survey around the South Power Plant in Edmonton.

Many acoustical designs and recommendations for buildings under the jurisdiction of the Physical Plant Division were also prepared during this period.

3. The Services of the INTERIOR DESIGN GROUP of the Architectural Branch are requested by Client Departments and Principal Architects to improve the interior of existing government owned buildings and to prepare interior designs for new facilities.

The objective of the Interior Designers is to create at a reasonable cost, an interior environment and a pleasing atmosphere which is in harmony with the operational requirements.

It is the responsibility of this Group to assess the need and process the distribution of stock furniture with strict adherence to furnishing standards which are determined by the employee's position and the Department's policy. This group also scrutinizes the distribution of used furniture and equipment.

The Interior Designers are involved in the preliminary designs of a new line of government stock furniture for open office planning or office landscaping. This modern planning concept is more and more advocated by Architects and Client Departments because of the proven increase in employee production and a decrease in operating expenses.

This new field in Interior Design requires a total assessment of the specific services and functions of the occupants, an analysis of operational policies and procedures and the preparation of design proposals and cost estimates.

A large number of projects have been completed in the past fiscal year. A few of the major job involvements are:

- | | |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Legislative Building | — Renovations and refurnishing of Ministers' offices.
— Refurnishing of the Legislative Assembly.
— Renovations to various other parts of the building. |
| 2. Centre for the Care of the Mentally Handicapped | — Renovations to Old Misericordia Hospital. |
| 3. Alberta Vocational Centre, Calgary. | |
| 4. Law Courts Building, Edmonton | |
| 5. Senior Citizens' Homes and Additions | — Throughout Province
— Specifications for furniture and furnishings. |
| 6. Madison Building | — Department of the Attorney General. |

Two hundred and thirty-two requests have been assessed and processed by the Interior Design Group.

Total expenditures under the Capital Furnishings and Equipment appropriation 2683 were in excess of \$3.9 million for the following Client Departments:

Agriculture	\$ 250,829.14
A.H.C.I.C.	8,259.57
Attorney General	311,352.97
Education	1,959,681.28
Environment	84,897.16
Executive Council	84,551.53
Highways	203,784.74
Industry & Commerce	10,468.66
Lands & Forests	106,320.08
Labour	11,066.46
Legislation	15,611.27
Mines & Minerals	5,527.65
Municipal Affairs	27,365.87
Social Development	348,538.38
Dept. of Public Works	337,884.52
Treasury	69,622.81
Youth	96,177.77
	<hr/>
	\$ 3,931,939.86
	<hr/>

4. THE SPECIFICATIONS SECTION of the Architectural Branch prepares all specifications for projects designed and planned within the Department. A set of reference specifications is provided to private consultant firms commissioned for Government projects. The consultant is required to prepare his specifications in accordance with the reference set in order to maintain quality standards based on proven performance of material and workmanship.

Up-to-date technical information and data on materials and methods of construction are being maintained as well as current rates for materials and labour. Alternative methods are investigated and recommended to the Principal Architects or private consultants to ensure competitive bidding.

Stringent cost control is exercised on all Public Works' projects. Quantity takeoffs are made prior to tender to check or determine the final estimate of cost. Applied knowledge of current market conditions has proven a valuable asset in keeping designs within budgetary limitations.

The demands upon services provided by the Specifications Section of the Architectural Branch in the areas of materials-research, quantity surveying and cost evaluations have increased considerably, however, the provision of these essential services is limited by the availability of manpower within the organization.

Within the frame work of a planned reorganization of the Architectural Branch to take effect at the beginning of the new fiscal year, the Specifications Section and an expanded costing service will be incorporated into the Resource Group.

This group will provide centrally coordinated services to Advisory Architects and the Administration with respect to production cost and time data, job status and schedules, consultant contract and fee administration, preparation of specifications, tender documents and materials research and last not least quantity surveying and cost evaluations for planned program budgeting.

THE ARCHITECTURAL OFFICE, CALGARY

The Planning and Project Office in Calgary has continued the coordination of the ongoing developments at the Health Sciences Centre. The construction of the Medical Sciences Building progressed on schedule and part of the structure was occupied by the fall. The majority of the construction activities have been concentrated to the inside of the building, which allowed some clean up of the site area in preparation for roads and parking. The expenditures on the Medical School building amounted to \$16,458,000 at the end of the fiscal year. During the winter months, sewer and water lines have been constructed completing some of the distribution loops around the new structure. The service tunnel between the Power Plant and the Medical School has been completed, making it possible to supply steam and electric power on a permanent basis to the Medical School. Delayed progress due to problems in manufacture has been experienced with an additional boiler installation in the Power Plant. A parking lot for the use of patients of the Ambulatory Care section of the Medical School has been completed and the immediate area landscaped. The Foothills Hospital has constructed a staff parking lot by the Power Plant. Planning and related work included investigations for future power and cooling provisions, traffic and parking demands as well as further extensions to the utility network systems. At the Planning Committee level of the Calgary Health Sciences Centre, deliberations took place over future projects such as Cancer, Auxiliary Hospital, Public Health Laboratory and the extension to the Emergency Department.

Long range planning work at the University of Calgary included considerations for the Centre Block development, the Chemical Engineering Addition, the University Centre Complex, extensions to the enclosed pedestrian network system and the siting of parking structures. During the year, four planning conferences were held with the Vice President, Capital Resources, Academic Planners and special consultants in order to explore and define major directions of developments. These work sessions take place in addition to the every day planning work which is carried out through the office of the Director of Physical Planning. The value of current building construction in five major projects amounted to approximately \$23,000,000.

Design and construction commenced on the remodelling of the Energy Resources Conservation Building which also included the finishing of the fourth floor. Alterations on the lower floors became necessary following the administration and organizational changes in the Client's responsibilities. The work was undertaken as a construction management project, in which the Physical Plant Division has taken a major role in close cooperation with the Planning and Project Office.

After the demolition of the Land Titles Building and the Power Plant, the construction of an underground parking structure and the landscaping of the Courthouse Block was completed making a significant contribution as a much enjoyed outdoor space in downtown Calgary.

A major accomplishment was the completion of a master plan for the long range development of the Alberta Horticultural Research Center in Brooks. Contract has been let for the Maintenance Building and designs for a new Potato Research Laboratory and for the alterations to the P. Duncan Hargrave Building were commenced. Program and siting studies were also carried out for the new August Griffin Building to be the new administration facility of the Center.

Special studies have been started to examine the effects of buildings and building groups on the adjoining outdoor spaces. It is envisaged that the findings would influence building design in order to improve the environmental conditions. The immediate applications of this knowledge would be at the University of Calgary and the Health Sciences Centre.

Although the responsibilities and scope of work placed with the Planning and Project Office have increased during 1971/72, a 22% reduction in staff during the same period made the execution of the work relatively difficult. The engagement of private consultants did not entirely cope with the pressures of production for the reason that continuous liaison is required with both the Client Department and the consultants in order that the desired design and construction economies may be attained.

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ENGINEERING BRANCH

DEPARTMENT OF PUBLIC WORKS

The main functions of the Engineering Branch can be divided in two broad categories, the first being a design function for buildings and utilities and the second being work of an engineering consulting nature.

Within each of the above categories are the structural, mechanical, electrical and municipal engineering disciplines. The engineering design work for buildings and modifications to buildings consists of the structural design, mechanical design for heating, ventilation, refrigeration, plumbing and any other special services that may be required, electrical design for illumination, power, communication, alarm and special services that may be required and municipal work for water and sewer, grading of the building site, roadways and walkways, etc. Engineering for utilities is made up of such projects as central power and heating plants, central cooling plants, distribution of heating and electrical facilities and water and sewer mains.

Responsibility for the operation of the Engineering Branch is delegated to the Director of Engineering Branch. Directly under him are four line positions, each one occupied by a Chief Engineer responsible for an engineering discipline. In addition, there are the staff positions of the Assistant Chief Engineer and the administrative support.

During the past fiscal year, Mr. R. B. Smith was appointed Chief Mechanical Engineer and two engineering technologists were appointed to vacant positions.

The following positions were vacated:

- 1 - Engineer II - Resigned
- 1 - Technologist IV - Resigned
- 1 - Technologist III - Transferred to Physical Plant Division.

On March 31, 1972, the Engineering Branch had a total staff complement of 55, consisting of the following:

- 20 - Engineers
- 21 - Technologists
- 1 - Administrative Officer
- 3 - Clerical Staff
- 6 - Instrumentmen (on Wages)
- 4 - Survey Aides (on Wages)

The Engineering Branch processed a total of 229 projects for a total construction value of \$12,974,500. Of this amount, 87% involved work of an engineering nature only and 13% was engineering work supporting the Architectural Branch. The Engineering Branch design staff completed 194 projects for a construction value of \$4,965,480.00. The remainder of the work was carried out by private consultants.

During the 1971/1972 fiscal year, 34 different consultants were engaged to carry out various surveys, studies, designs and supervision work for the engineering branch. The total fees paid out to these firms amounted to \$854,616.00. In addition to the above, seven different firms were retained to carry out a program of soils testing and foundation investigations for buildings and other structures. A total of \$39,786.00 was paid out to these firms. For the program of water well drilling and testing, which was necessary to supply potable water to our building sites where required, two firms were employed to carry out the testing and supervision services at a total cost of \$5,614.00.

All funds paid out to consultants include actual fees, expenses, costs of tests and other services. For all consultants commissions, a list of names is prepared by the Engineering Branch. From this list, a consultant is

selected by the Private Consultants Selection Committee, consisting of the Deputy Minister, the Director of Design and Construction, the Director of Engineering Branch, the Director of Architecture Branch and the Director of Administration. For projects involving fees over \$2,500.00, a formal agreement between the Department of Public Works and the consultant is prepared. This agreement is signed by both the Deputy Minister, on behalf of the Department of Public Works, and the consultant and defines the consultant's responsibilities, the Minister's responsibilities, the general conditions and the manner of payment.

Construction of underground utilities, including sewer, water, power and service corridors, continued at the University of Alberta. An amount of \$4,750,000 was budgeted for the utilities work on the overall University of Alberta campus and the major contracts completed during this fiscal year were the following:

Phase VI of Sewerage Collection System	\$ 390,833.50
Phase IIb of the Services Corridor	\$1,504,325.75
Absorption Unit No. 2, South Power Plant	\$ 168,133.47
Condenser Water System serving the South Power Plant	\$ 249,203.71
Phase IIc of the Services Corridor	\$1,542,164.18
Phase IIIab of the Services Corridor	\$1,479,550.00

In addition to the above major contracts, there were numerous minor contracts undertaken to connect the various buildings on campus to the primary distribution and collection systems.

During the past fiscal year, the Engineering Branch has continued its intensive involvement with the Fish Hatchery and Rearing Station at the Pearce Estate in Calgary. A contract for \$4,856,633, for the erection of this facility, was awarded in July, 1971, and construction began shortly thereafter. As of June, 1972, an estimated amount of a little over 60% of the work was done. This facility is not expected to be ready for turnover to the occupants before the spring of 1973. During the period construction has been going on, the water wells for this facility have undergone a full year of testing at full capacity and have lived up to all expectations.

For the campus of the Southern Alberta Institute of Technology, the Engineering Branch designed a 610-car precast concrete parking garage for which a contract for construction was awarded in July of 1971. Although the time for construction was severely limited, the \$1,040,000. structure was completed by the scheduled date of April 1, 1972, with the help of new management and scheduling techniques employed by the engineering staff.

As in the previous fiscal year of 1970/1971, when the Northeast Waterline was built, the Engineering Branch administered, on behalf of the Parkland Water Board, the construction of another waterline to run west of Edmonton to bring water from the City of Edmonton system to the towns of Spruce Grove and Stony Plain, as well as to citizens and business firms in the County of Parkland. Contracts were awarded in November of 1971 in the amount of \$997,681.21 for Stage I and Stage II of the waterline. The total cost of this project, including right-of-way costs and other work involved in this undertaking, will amount to \$1,275,000. It is expected that this line will be ready for operation by about August of 1972 or shortly before.

Important assignments of the Engineering Branch are the tasks of carrying out research in the Building Sciences and acting as consultants to all Government Departments, Commissions, Boards, etc. As a result of the research, which involves a great deal of field observation and study, there is generated a substantial amount of new information and methods which is fed back to the architects and engineers designing buildings. This information is not directed solely to staff in the Department of Public Works or even other Government Departments, but is made available to private consultants as a public service. As a result of the Branch's role of acting as consultants on engineering matters related to buildings, the senior engineering staff perform work for the Universities, the University Hospital, the Liquor Board, School Boards and carry out checking of all work for which the Department retains private consultants.

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CONSTRUCTION BRANCH

DEPARTMENT OF PUBLIC WORKS

The Construction Branch of the Department of Public Works is responsible for the supervision of building contracts awarded by the Department. It is the foremost concern of the Construction Branch to ensure that construction proceeds according to the plans and specifications, that costs of extras are controlled, that projects are completed and readied for occupancy by the tenants as scheduled and that money payments are made to the Contractors according to the progress of the work.

During the fiscal year 1971/1972, the Construction Branch continued to exercise field supervision and cost control of the Department's new construction program derived from general tenders, purchase orders, and minor contracts. This control was exercised through the individual construction inspectors who provided either resident inspection at major project sites or visiting area coverage of groups of smaller projects. The staff were grouped administratively in four sections, comprising a small Clerical H.Q. Unit of 4, a Technical Trades group of 8 with 4 specialties covering the entire north and south, a General Construction Regional Office in Edmonton and a similar Regional Office in Calgary. The four sections reported directly to the Branch Head, Mr. E. M. Silver, P.Eng., who as Chief Construction Engineer was located in Edmonton.

The cost of the 32 projects carried through into the fiscal year 1971/1972 amounted to \$22,887,536. Of these, the Law Courts in Edmonton (10.4 million), The U. of A. Services Tunnels and Utilities (5.419 million), the Alberta Vocational Centre (4.575 million), the Court House Parking Structure (0.387 million) in Calgary and the Thorhild Senior Citizens Home (0.397 million) will carry through to completion in the 1972/1973 financial year.

The cost of the 74 large and small projects started during the fiscal period 1971/1972 amounted to \$20,567,946. These included Highways Garages (20), Treasury Branches (7), Senior Citizens' Homes (4), Senior Citizens' Homes Additions (12), Provincial Buildings in Brooks and Vegreville, a Parking Structure (1.04 million), a Trade & Technical Engineering Complex (1.185 million) and Utilities Services Tunnels, Phase IIA and IIB, all at S.A.I.T., a Fish Hatchery & Rearing Station (4.856 million) in Calgary, a Student Activities Building (2.515 million) at N.A.I.T. and the Alberta Health Care Insurance Commission Building (2.06 million) in Edmonton.

The cost of the 69 projects completed in 1971/1972 amounted to \$9.102 million. These covered a wide range from Salt Sheds (8), Metal Storage Buildings (15), Highways Maintenance Garages (13), Treasury Branches (3), and a Senior Citizens' Home at Thorhild to the U. of A. Services Tunnels and Plant Utilities (5.419 million).

The total construction load in hand during 1971/1972 of \$52,558,261.30 covering work completing, continuing, and starting, presented a continuing challenge to the staff of the Construction Branch, who continued to strive for the high standards of construction and work quality required by the project drawings and specifications. Much time was again devoted to the finalization, deficiency clean-up, and problem-solving required in connection with 55 projects worth \$20,956,250.34, whose 12-month warranty period ended during the fiscal year.

Action was initiated during the year in combining with Physical Plant staff in the handling of special projects, with Properties in the renovation of work space, and with one other outside agency in the inspection and quality control of their contract work program. On the Magistrates' Court and Remand Centre being constructed under the joint auspices of the City of Calgary and the Province, the Construction Branch provided a Senior Construction Inspector as a full-time resident on the site to ensure compliance with government requirements, quality of work, and control of costs.

The project team concept was further advanced by the Branch Head, who also continued his search for improved work methods and cost controls on the project sites and within the Construction Branch.

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PHYSICAL PLANT DIVISION

DEPARTMENT OF PUBLIC WORKS

The Physical Plant Division is responsible for the operation and maintenance of all Government owned buildings and institutions, with the exception of the self-governing institutions such as the Universities. The Physical Plant organization consists of management staff, tradesmen and supporting staff, custodial staff, heating plant staff, and groundsmen, to operate and maintain these buildings and associated grounds.

The Physical Plant Division is composed of four basic units:

1.0 OPERATIONS UNIT

The Operations Unit comprises the majority of the employees of the Division and is responsible for an effective standard of servicing, operation and preventive maintenance of all buildings under the jurisdiction of the Department of Public Works. More specifically, the Operations Unit is responsible for providing:

- 1.1 operating and maintenance services in Government-owned buildings;
- 1.2 the supply of utilities to all Government buildings, and the operation of heating plants;
- 1.3 suitable environmental conditions within these buildings;
- 1.4 caretaking services in most buildings;
- 1.5 minor and urgent construction work;
- 1.6 effective communication with client departments on the above matters.

Preparation of annual estimates and control of expenditure of funds pertaining to the cost of servicing, maintaining, renovating and operating buildings which includes the cost of labour, equipment and materials falls under the jurisdiction of this group.

Security Services are provided at the Legislative Building and Grounds, Provincial Museum and Archives, and Auditoria and various Alberta Hospitals. Canadian Corps of Commissionaires Incorporated employees are utilized extensively for this purpose, as well as for the control of parking and traffic in parking lots. During the year, use was made of private firms which offer security services, utilizing specially trained employees.

2.0 DEPARTMENT OF PUBLIC WORKS SHOPS

The Department of Public Works Shops provides a readily available source of trades expertise and manpower for the use of the Physical Plant Division.

Areas of involvement of this service organization are:

- 2.1 manufacturing of specialty furniture and equipment;
- 2.2 routine and emergency maintenance services;
- 2.3 renovation and alteration services;
- 2.4 materials specifications and ordering assistance;
- 2.5 inspection services;
- 2.6 transportation services for this and other departments.

Mechanical services for the Government car and truck fleet for this and other departments are available at the Government Garage in the Terrace Building.

3.0 ADMINISTRATION SECTION

The Administration Section consists of personnel who perform the required accounting and administrative duties for the Division. Vital functions of this group includes:

- 3.1 exercise of control over procedures, methods and practises for the expenditure of funds;
- 3.2 formulation and implementation of systems to assist management in their decision making;
- 3.3 providing consulting and training services to the Division's personnel in regards to accounting and administrative matters;
- 3.4 furnishing of statistical and cost control information for the Division;
- 3.5 tendering, ordering and processing requests for materials and services for all buildings under the jurisdiction of the Physical Plant Division.

4.0 SPECIAL SERVICES SECTION

The function of the Special Services Section is to provide technical consulting services to the operating group of the Physical Plant Division. At the present time these services are offered in the areas of heating, ventilating and air conditioning, office layout and drafting, custodial consulting, and general project work. Special Services is usually called upon to provide the following range of services:

- 4.1 consultation on abnormal problems arising out of the operation of Government facilities;
- 4.2 c-ordination of programs of a Province-wide nature, such as the present Preventive Maintenance Program;
- 4.3 economic studies on the efficient utilization of Government Resources, including economics of building operation and operation cost analysis;
- 4.4 providing specialized expertise when the requirement for technical training arises.

Funds provided for the Physical Plant Division and the expenditures for the 1971/1972 fiscal year were as follows:

<u>APPROPRIATION</u>	<u>DESCRIPTION</u>	<u>ESTIMATE</u>	<u>EXPENDITURE</u>
2609	Physical Plant Division Administration	\$ 1,423,500.00	\$ 1,422,514.41
2610	Maintenance and Operation of Physical Plant	29,183,760.00	27,101,438.28
2620	Government Automobile Services	98,570.00	105,033.32
2684	Heating Plants — Equipment	173,850.00	86,924.22
	TOTAL	\$30,879,680.00	\$28,715,910.23

Funds were also provided in Appropriation 2699—Maintenance and Construction Salary Pool. This appropriation is utilized for payment of salaries to Managers, Building Superintendents, Caretaker Supervisors, Automotive Operators, Tradesmen, Utility Workers, Labourers, Heating Plant Staff and Grounds Staff. The salaries are then charged to the Capital and Income Appropriations and this appropriation is reimbursed.

Restraint of expenditures continued throughout this fiscal year, as is reflected in the total estimated and total expenditure amounts.

A total of four hundred three capital construction jobs were undertaken by the Physical Plant Division during 1971/1972 fiscal year with expenditures of approximately \$3,600,000.00. This work was more expediently done by the Department because of its specialized nature, and was carried out with the approval of the Deputy Minister. Most of this work was required at institutions, hospitals and public buildings where normal business activity was carried out during construction.

The reorganization of the Physical Plant Division has progressed in accordance with the guidelines laid down in the "Organization Announcement" dated August 1969, and all four phases are now basically complete. Effective October 1st, 1971, Phase IV, the final stage of amalgamation was implemented, dividing the Province

among three Physical Plant Administrators who are respectively responsible for the Northern, Central and Southern region. The organizational structure of the Physical Plant Division seeks to provide greater effectiveness and better liaison with client departments by having one individual held completely responsible at each institution or building for the servicing, operation and maintenance of all facilities under the jurisdiction of the Physical Plant Division of the Department of Public Works.

On April 1, 1971 the responsibility for fire fighting services at Alberta Hospital, Ponoka; Alberta Hospital, Edmonton; Baker Memorial Sanatorium, Calgary; and Alberta School Hospital, Red Deer were transferred to the Department of Public Works, Physical Plant Division.

The Physical Plant Division, at the request of Canada Manpower, was instrumental in conducting a Caretaker Training Course at the Alberta Vocational Centre, Edmonton. The course was for a duration of five weeks and proved to be a successful venture as eight of the eleven participants were gainfully employed prior to completion of the training program.

In-service Training Courses and Workshops have been initiated for Caretakers, Caretaker Supervisors and Building Superintendents in an effort to familiarize these employees with new products and improved methods pertaining to the custodial field.

Operator Training Courses related to the mechanical operation and maintenance of buildings are being provided to assist personnel in upgrading their skills in these areas.

The Physical Plant Division is in the process of launching a comparative cost analysis to evaluate the relative merits of performing maintenance projects by our forces as compared to performing this work by the private sector. Greater efficiency of the Division's forces, tendering of projects in areas where the private sector is more effective, and more economical maintenance are but a few of the anticipated results of the study. A work order costing system has been developed to accumulate costs on various projects in order to provide accurate cost accounting information for cost analysis purposes.

The Division has taken full advantage of the Staff Development Program which is provided by the Personnel Administration Office. Approximately two hundred fifty Physical Plant Division employees have participated in this program during the 1971/1972 fiscal year.

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STOCK ADVANCE BRANCH

DEPARTMENT OF PUBLIC WORKS

This section of the department is responsible for the administration of the Stock Advance Fund and the inventory of machinery, equipment and material necessary for its operation. A sum of money is allocated each fiscal year to the branch as a working fund in order that the department may purchase and maintain a stock of machinery, equipment and material. This provides an immediate source of supply for the government trade forces, thus eliminating unnecessary delays and reducing down-time to the minimum. The funds advanced in the year 1971/1972 were \$1,500,000.00.

The main function of the Stock Advance Branch is to provide a material warehousing service where more than 4,000 stock items are held available. These items include building materials, furnishings, automotive and equipment parts and gasoline. The operation of the Stock Advance Fund allows the branch to obtain all the benefits of bulk purchasing. Purchases are made through the facilities of the Government Purchasing Agency. The stock is charged, as issued, against various departments, services and government-sponsored activities.

A stock of building and industrial equipment, including a fleet of trucks, is purchased out of the fund, is maintained by the branch and is an immediate source of supply through rental to the various departments.

A stock of office furniture is purchased and maintained for standardization of government offices throughout the province, and is charged, as issued, against the various buildings.

Building Material and Equipment Rental Catalogues, which are revised annually, are distributed throughout the government service. The branch also undertakes other promotional and informative activities to develop and maintain a quantitative foundation with relation to cost benefits and target priorities of departmental programs and budgets.

The department operates production shops in the cities of Edmonton and Calgary. When a special item of furniture or equipment is required which is not readily obtainable from an outside supplier, it is manufactured in our own shop. The cost is obtained by issuing a Stock Advance Job Order for the work involved. This permits the Stock Advance Section to obtain the cost of the work and thus charge the total manufacturing cost to the particular department or service.

The department also operates an automotive garage and when a unit operated by a department requires repairs, the cost is obtained and charged in a similar manner.

A ten percent charge to cover supervision and administration is made on all operations. The profits arising from the operations of the year, as shown by the statements certified by the Provincial Auditor, are transferred to the General Revenue Fund.

The branch has a total staff of 28 employees, divided into a stores section located at 11244 - 120 Street, Edmonton, and an accounting section located in the Department's main administration office in the Terrace Building.

STATEMENT OF OPERATIONS AS AT MARCH 31, 1972

STOCK ADVANCE BRANCH DEPARTMENT OF PUBLIC WORKS

Account Titles	Trial Balance Debit	Trial Balance Credit	Profit and Loss Debit	Profit and Loss Credit	Balance Sheet Assets	Balance Sheet Liabilities
Material and Supplies	467,286.38				467,286.38	
Work in Progress	1,383.08				1,383.08	
Accounts Receivable	394,019.76				394,019.76	
Equipment New	210,716.78				210,716.78	
Prepaid Expense	7,390.33				7,390.33	
Accounts Payable		101,459.27				101,459.27
Provincial Treasurer's Advance		910,490.11				910,490.11
Supervision Charged Out		185,085.56		185,085.56		
Labour Charged Out		324,332.19		324,332.19		
Equipment Rentals		251,257.46		251,257.46		
Profit and Loss on Disposal of Non Stock Scrap		1,094.19		1,094.19		
Equipment Operating Expense	131,037.02		131,037.02			
Office Equipment Services and Rentals	902.31		902.31			
Stock Insurance	1,970.13		1,970.13			
Telephone, Telegraph and Postage	91.75		91.75			
Depreciation on Equipment	77,726.20		77,726.20			
Stationery and Supplies	5,888.96		5,888.96			
Shipping Supplies	793.87		793.87			
Uniforms	48.33		48.33			
Small Tools	22.84		22.84			
Profit and Loss Disposal of Equipment		18,228.30		18,228.30		
Inventory Adjustment Account		7,286.25		7,286.25		
Tuition Fees	20.00		20.00			
Salaries (Staff)	165,959.42		165,959.42			
Travelling Expense (Staff)	107.19		107.19			
Salaries and Wages (Casual Help)	9,536.79		9,536.79			
Labour Expense (S.A. Jobs)	324,332.19		324,332.19			
	<u>1,799,233.33</u>	<u>1,799,233.33</u>	<u>718,437.00</u>	<u>787,283.95</u>	<u>1,080,796.35</u>	<u>1,011,949.38</u>
NET PROFIT			<u>68,846.95</u>			<u>68,846.95</u>
			<u>787,283.95</u>			<u>1,080,796.33</u>

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PERSONNEL BRANCH

DEPARTMENT OF PUBLIC WORKS

The retirement of Mr. S. E. Kenworthy as Deputy Minister of the Department headed the senior staff changes this past year. After a distinguished career with the Government of Alberta, spanning a period of 31 years, Mr. Kenworthy retired to Victoria, British Columbia. His successor, Mr. W. A. B. Saunders, P.Eng., formerly President of the Northern Alberta Institute of Technology, joined the Department September 1, 1971.

Mr. W. A. R. Barry, Department Personnel Officer for seven years, assumed a position in the Personnel Administration Office effective February 1, 1972, and was succeeded by Mr. A. B. Potvin who came to us from the Department of Highways & Transport where he was Personnel Director.

After a Canada-wide advertising campaign, the Department was successful in locating a new Chief Mechanical Engineer. Mr. R. B. Smith, P.Eng., of Fredericton, N.B., assumed his new duties in the Mechanical Section of the Engineering Design Branch in March, 1972.

The amalgamation of the former Utilities and Maintenance Branches was completed with the implementation of Phase IV of the creation of the Physical Plant Division. To complete the amalgamation, Mr. J. C. Burton, P.Eng., was promoted to Physical Plant Administrator for the northern area of the Province, and Mr. J. C. Richl, P.Eng., was appointed his replacement as Special Services Engineer.

The Physical Plant Division also announced the appointment of Mr. B. Tomlinson as Shops Administrator. Mr. Tomlinson will be responsible for the Physical Plant Shops in Edmonton and Calgary.

Overall, the Department's staff establishment decreased by 144 permanent positions from the previous fiscal year. This resulted from the abolishment of 154 existing positions and the creation of 10 new positions, 8 of which were created to accommodate transfers from the Department of Agriculture.

During the 1971/1972 fiscal year the Department Personnel Office processed 132 requests to review the classification of permanent positions. Of these, 49 positions were reclassified to a higher level; 32 remained unchanged, and 38 were reclassified to a lower classification. The incumbents of two positions appealed classification decisions to the Classification Appeal Board and both were deemed to be properly classified. We await decisions on 17 positions.

Employee interest in training programs continued to rise, with increases in both the numbers attending in-service courses and those undertaking various programs on their own time. In all, 289 employees attended short courses or seminars provided throughout the Province by the Organization Development Division of the Personnel Administration Office. The Department Training Costs Committee considered applications for reimbursement from 48 employees who had successfully completed courses related to their work. The Committee awarded a total of \$2,452.00 in reimbursement for expenses incurred taking these courses.

STATISTICAL DATA — ESTABLISHMENT

The following provides a record of establishment changes during the past five fiscal years:

	1967- 1968	1968- 1969	1969- 1970	1970- 1971	1971- 1972
Positions — Beginning of fiscal year	2063	2293	2338	2325	2284
Additions	274	159	100	107	288*
Abolishments	44	114	113	148	432*
Positions — End of fiscal year	2293	2338	2325	2284	2140

* Includes changes of appropriation within the Department.

STATISTICAL DATA — TURNOVER AND COMPETITIONS

	1967- 1968	1968- 1969	1969- 1970	1970- 1971	1971- 1972
Resigned (including temporary & summer relief employees)	160	198	192	108	98
Retired	45	50	47	48	48
Deceased	14	11	15	11	16
Transferred to other Departments	15	10	16	22	8
Dismissed	14	13	23	12	5
TOTAL TERMINATIONS	248	282	293	201	175
Vacancies Advertised through Personnel Administration Office	194	108	159	116	132
Positions Advertised through D.P.W. Competitions	177	131	54	23	32
TOTAL VACANCIES ADVERTISED	371	239	213	139	164

STATISTICAL DATA — WAGES STAFF

The following provides a record of some measure of the changes in numbers of wage employees that occurred during the year:

	1967- 1968	1968- 1969	1969- 1970	1970- 1971	1971- 1972
EMPLOYEES					
Beginning of fiscal year	683	443	386	380	428
End of fiscal year	707	409	370	411	454
Average per month	868	470	454	449	485

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CONTRACTS BRANCH

DEPARTMENT OF PUBLIC WORKS

The main functions of this branch of the department are:

- (a) to maintain strict control of expenditures within the Capital Construction and Furnishings and Equipment Appropriations.
- (b) to apply for additional funds when required.
- (c) to print and issue drawings, specifications and addenda for all projects for which the department has invited tenders.
- (d) to compile Capital Construction and Furnishings and Equipment Estimates.
- (e) to requisition furnishings and equipment to meet the needs of all government departments.
- (f) to maintain an inventory of all furnishings supplied to various Government Offices throughout the Province.
- (g) to acquire all used furnishings declared by the departments and re-allocate where needed or declare to the Alberta Commercial Branch as surplus to our needs.

The Contracts Branch is operated by a staff of fifteen employees and is divided into a Blueprinting and Duplicating Services Section, an Order Desk, a General Administration Section, and a Used Furniture Section.

During the year under review, the branch administered two Appropriations — 2682 - Sites and Construction, and 2683 - Furnishings and Equipment. Expenditures under these Appropriations were:

2682	\$39,512,406.26
2683	\$ 3,931,939.86

The Order Desk section processed approximately 5,000 requisitions from other government departments for furnishings and equipment.

The Blueprinting and Duplicating Service printed 5,187 sets of drawings of an average of 40 prints per set. They also Xeroxed 1,500,000 pages of specifications.

The General Administration Section prepared tendering documents, advertised and issued drawings and specifications for 137 projects. Microfilming of plans of all government buildings were completed during the year and the record films were sent to Regional Emergency Government Headquarters, Penhold, for safekeeping and for reference in event of national or provincial emergency. Duplicate films are held in the Printing Section where they may be examined by means of a Microfilm Reader/Printer.

The following progress was made in the Used Furnishings Section:

- (a) an inventory of furnishings was completed March 1, 1972, and an inventory control is scheduled to be completed by December 1, 1972.
- (b) Furnishings and Equipment were received and placed in Senior Citizens Home, Lamont, Provincial Building, Grande Cache, Hospital Services Commission, Edmonton, and in two buildings at Oliver Mental Hospital, Oliver.
- (c) this section has two warehouses, one for the Northern area located in Edmonton, and one for the Southern area located in Calgary.

Many requests for furnishings were filled by the supply of used furniture. Had new furniture been supplied it would have cost approximately \$125,000.00. Also, used furniture for an estimated market value of \$35,000.00 was turned over to the Alberta Commercial Branch for disposal. Replacement value of Furnishings in stock as at March 31, 1972, is estimated at \$50,000.00.

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PROPERTIES ADMINISTRATION BRANCH
DEPARTMENT OF PUBLIC WORKS

Various functions within the Properties Administration Branch are handled by a staff of 18.

THE FOUR MAIN FUNCTIONS ARE:

1. To provide accommodation for all government departments.
2. To provide leased accommodation for those departments which cannot be housed in government buildings.
3. To acquire sites for all government projects.
4. Administration of all taxes pertaining to properties and local improvements.

The above functions can be more specifically described as:

- (a) Supplying and moving of telephones
- (b) Administration of grants in lieu of taxes
- (c) Provision and allocation of parking and collection of parking fees
- (d) Custody of records and Certificates of Titles
- (e) Documentation relating to transfer of properties
- (f) Compilation of statistics related to occupancy of government buildings, occupancy of all leased accommodation and maintenance of property acquisition cards, tax cards, insurance cards, government and leased accommodation plans
- (g) Administration of "Public Works Development Areas"
- (h) Representation on "Property Committee" when the government works in unison with other agencies for assembly and controlled development of lands
- (i) Co-ordinating the implementation of survey requirements of the department with the Director of Surveys, Department of Highways
- (j) Payment of utilities
- (k) Insurance on buildings for fire, contents and public liability
- (l) Negotiations for properties
- (m) Property appraisals
- (n) Disposal of properties surplus to government requirements
- (o) Negotiation for easements and rights of way over privately owned land
- (p) Granting of easements and rights of way over crown owned land
- (q) The administration of all cafeterias and canteens.

Land acquired for government projects comes under the following:

1. Immediate requirement
2. Requirements for the next fiscal year
3. Long range planning requirement: With respect to the long range requirement The Public Works Act provides for an area to be set aside as "The Public Works Development Area" and examples of this type of control was the acquisition of land in the north Garneau Area, Edmonton, for the University, the assembly of land for the Edmonton Law Courts, and the continuing acquisition of land for the Government Area, Edmonton. Rapid

growth in the Province and particularly in Edmonton and Calgary has established definite trends for increased land costs which have varied from 6% to 10% above last year. This prompted negotiations involving the acquisition of 29 properties, at a cost of \$1,242,381.74. There were also 11 properties sold, 1 acquired by exchange and 1 disposed of by exchange for a total of 42 properties. The acquisition of a leasehold interest for a site for a Provincial Building in Jasper National Park involved a transfer via the medium of the Alberta Liquor Control Board, due to the fact that under existing Legislation appertaining to National Parks, the Crown in the right of Canada could not transfer to the Crown in the right of the Province because the Crown is one and indivisible.

The Branch administered 374 rent payable leases for 1,008,501 square feet of office and storage space totalling \$3,293,028.57. There were also 197 rent receivable leases totalling \$909,873.66. Of these, 19 were farm leases involving 5,116 acres of land which had been declared surplus to the Attorney General's Department's requirements.

A total of 5,376 parking stalls were administered of which 939 were leased from private owners. The gross from all stalls was \$185,126.00.

Payments for Grants in lieu of taxes were made amounting to \$3,532,468.09. Payments for Local Improvements were made in the amount of \$71,666.05.

Telephone accounts covering rentals and installations reflecting a total cost to the government of \$1,334,184.73 incurred a new system of handling the telephone accounts.

The demand for more service by Government is ever increasing and with it will increase the need for more building sites, more leased space, the payment of more grants, and a host of other services, necessitating additional staff in the near future.

THE CROWN PROPERTY MUNICIPAL GRANTS ACT

Under "The Crown Property Municipal Grants Act", being Chapter 81 of the Revised Statutes of Alberta, 1970, and amendments and regulations thereto, grants are paid on all Crown-owned properties other than the following:

- (a) real property forming part of an undertaking in respect of the conservation, irrigation, reclamation, rehabilitation or reforestation of land.
- (b) any park, historical site, monument or museum;
- (c) except when otherwise prescribed by the Provincial Treasurer, real property leased to or occupied by a person from whom the municipality may, by reason of his interest in the property, levy and collect a municipal tax;
- (d) real property used for or in connection with academic, trade, forestry or agricultural schools, colleges or universities;
- (e) real property used for or in connection with hospitals and mental institutions;
- (f) real property comprising streets, lanes, roadways or road allowances;
- (g) (deleted by amendment);
- (h) real property owned by the Alberta Liquor Control Board, the Alberta Government Telephones Commission or the Workmen's Compensation Board;
- (i) any specific property or class of real property exempted from the provisions of the Act by the Lieutenant Governor in Council.

In addition to this, grants are paid on any buildings which would otherwise be excluded but which are serviced by local utilities services, such as forestry ranger buildings.

GRANTS IN LIEU OF TAXES

Paid to

VARIOUS CITIES, TOWNS, VILLAGES, COUNTIES, MUNICIPAL DISTRICTS IMPROVEMENT DISTRICTS AND SPECIAL AREAS

1971/1972

During the fiscal year 1971/1972, a total of \$3,568,014.42 was paid to the following Cities, Towns, Villages, Counties, Municipal Districts, Improvement Districts and Special Areas throughout Alberta as grants in lieu of taxes for government properties. The amounts listed were gross disbursements, and a total of \$35,546.33 was received as reimbursements from various sources as listed. The net total amount for 1971/1972 was, therefore, \$3,532,468.09.

Location	Amount of Grant		
City of CALGARY	\$ 624,445.12	Town of MAGRATH	1,733.91
City of CAMROSE	20,831.20	Town of MANNING	3,171.48
City of DRUMHELLER	17,585.03	Town of MAYERTHORPE	4,118.10
City of EDMONTON	1,717,743.71	Town of McLENNAN	124.77
City of GRANDE PRAIRIE	64,295.23	Town of MORINVILLE	553.35
City of LETHBRIDGE	54,093.39	Town of NANTON	1,476.00
City of MEDICINE HAT	32,662.89	Town of OLDS	12,469.14
City of RED DEER	32,964.05	Town of OYEN	153.00
City of WETASKIWIN	15,814.45	Town of PEACE RIVER	28,027.44
		Town of PINCHER CREEK	443.04
Town of ATHABASCA	16,806.79	Town of PONOKA	1,890.40
Town of BARRHEAD	7,290.02	Town of PROVOST	2,471.00
Town of BEAVERLODGE	1,516.68	Town of RIMBEY	1,960.31
Town of BLACK DIAMOND	249.60	Town of ROCKY MOUNTAIN HOUSE	15,440.25
Town of BLAIRMORE	8,864.10	Town of SLAVE LAKE	11,215.10
Town of BOW ISLAND	1,770.24	Town of SMOKY LAKE	337.33
Town of BROOKS	2,873.64	Town of SPIRIT RIVER	4,696.40
Town of CARDSTON	3,196.68	Town of STETTLER	4,634.72
Town of CASTOR	7,531.72	Town of ST. PAUL	8,817.56
Town of CLARESHOLM	16,776.00	Town of STRATHMORE	3,930.96
Town of COCHRANE	209.76	Town of SWAN HILLS	2,125.44
Town of COLD LAKE	1,064.88	Town of TABER	2,594.76
Town of COLEMAN	850.40	Town of THREE HILLS	6,069.90
Town of CORONATION	7,457.88	Town of TROCHU	1,569.10
Town of DIDSBURY	627.30	Town of TWO HILLS	2,329.80
Town of DRAYTON VALLEY	1,806.40	Town of VALLEYVIEW	3,205.94
Town of EDSON	19,557.45	Town of VEGREVILLE	7,645.24
Town of FALHER	8,035.23	Town of VERMILION	9,299.12
Town of FORT MACLEOD	7,871.04	Town of VIKING	2,937.60
Town of FORT McMURRAY	8,886.75	Town of VULCAN	1,971.20
Town of FORT SASKATCHEWAN	44,334.76	Town of WAINWRIGHT	2,409.44
Town of FOX CREEK	1,921.50	Town of WESTLOCK	1,063.77
Town of GRANDE CACHE	17,940.00	Town of WHITECOURT	4,103.43
Town of GRANUM	784.92		
Town of GRIMSHAW	5,495.24	Summer Village of GRANDVIEW	197.82
Town of HANNA	11,249.50	Village of ANDREW	798.00
Town of HIGH LEVEL	1,876.52	Village of BEISEKER	352.80
Town of HINTON	4,598.18	Village of BON ACCORD	300.16
Town of HIGH PRAIRIE	9,651.72	Village of BOWDEN	397.60
Town of INNISFAIL	2,269.80	Village of BOYLE	42.16
Town of KILLAM	3,194.89	Village of BRETON	2,037.75
Town of LAC LA BICHE	10,587.89	Village of BRUDERHEIM	546.52
Town of LACOMBE	7,518.70	Village of CAROLINE	412.80

GRANTS IN LIEU OF TAXES — continued

Village of CHIPMAN	50.46	County of THORHILD #7	3,404.07
Village of CLYDE	1,246.72	County of TWO HILLS #21	7,729.32
Village of CONSORT	1,355.76	County of WARNER #5	2,004.35
Village of COUTTS	357.69	County of WETASKIWIN #10	8,913.35
Village of CZAR	372.00	County of WHEATLAND #16	590.31
Village of DUCHESS	1,288.95	M.D. of CARDSTON	8,605.45
Village of EAGLESHAM	19.50	M.D. of FAIRVIEW	8,805.72
Village of ELNORA	163.15	M.D. of FOOTHILLS	1,438.23
Village of HINES CREEK	128.25	M.D. of PEACE	130,241.40
Village of HYTHE	307.50	M.D. of ROCKY VIEW	95,404.17
Village of KINUSO	47.60	M.D. of SMOKY RIVER	879.28
Village of RYLEY	1,099.44	M.D. of SPIRIT RIVER	18.20
Village of RYCROFT	2,384.56	M.D. of STURGEON	14,204.88
County of BARRHEAD	95.04	M.D. of TABER	2,654.76
County of CAMROSE	277.09	M.D. of WESTLOCK	3,006.90
County of FORTY MILE #8	28,782.20	M.D. of WILLOW CREEK	406.91
County of GRANDE PRAIRIE #1	5,689.24	I.D. # 1 MEDICINE HAT	1,381.80
County of LAC ST. ANNE #28	8,486.40	I.D. # 2 REDCLIFFE	4,286.34
County of LACOMBE #14	803.52	I.D. # 6 LIVINGSTONE RIVER	99.90
County of LEDUC	4,768.56	I.D. # 7 DRUMHELLER	486.20
County of LETHBRIDGE #26	52,334.93	I.D. # 8 HIGHWOOD	2,101.31
County of MINBURN #27	7,024.82	I.D. #10 ROCKY MOUNTAIN HOUSE	13,162.01
County of MOUNTAINVIEW #27	1,937.42	I.D. #14 HINTON	4,994.46
County of NEWELL #4	10,458.81	I.D. #16 ENTRANCE	261.10
County of PARKLAND #31	4,915.50	I.D. #17 HIGH PRAIRIE	1,348.64
County of PONOKA #3	11,729.92	I.D. #18 LAC LA BICHE	4,132.12
County of RED DEER #23	95,934.40	I.D. #19 WANHAM	7,197.75
County of ST. PAUL #19	2,059.29	I.D. #21 HINES CREEK	2,323.22
County of SMOKY LAKE #13	161.17	I.D. #22 MANNING	3,895.13
County of STETTLER	115.73	SPECIAL AREA #2 - HANNA	4.14
County of STRATHCONA #20	4,461.52		
		TOTAL	\$3,568,014.42
LESS: Reimbursement re Oil Core Storage - Calgary			17,309.43
Reimbursement re ATHABASCA Treasury Branch			185.57
Reimbursement re Treasury Branch Managers Res.			11,976.57
Reimbursement re Farmland-County of LETHBRIDGE			1,379.22
Reimbursement re Farmland-County of PONOKA			642.75
Reimbursement re Farmland-County of STRATHCONA			1,834.36
Reimbursement re Farmland-M.D. of ROCKYVIEW			1,281.17
Reimbursement re Farmland-M.D. of STURGEON			937.26
TOTAL		\$	35,546.33
GRAND TOTAL		\$	3,532,468.09

Net Totals for Previous Five Years:

1966-67	\$ 1,711,522.25
1967-68	2,123,522.59
1968-69	2,614,096.05
1969-70	3,043,767.90
1970-71	3,021,253.09

SUMMARY OF EXPENDITURES BY THE DEPARTMENT OF PUBLIC WORKS FOR THE FISCAL YEAR ENDING MARCH 31, 1972 AND THE CORRESPONDING FIGURES FOR THE PREVIOUS FIVE YEARS

APPEN.	DESCRIPTION	AMOUNT 1971 - 72	TOTAL	1970 - 71	1969 - 70	1968 - 69	1967 - 68	1966 - 67
ADMINISTRATION:								
2601	Minister's Office	28,505.33		31,917.94	30,822.67	28,393.75	21,701.85	25,109.29
2602	General Administration	743,220.82		631,971.53	598,695.10	533,630.46	531,992.78	447,080.75
2603	Architectural Design Branch	642,711.79		654,664.15	736,879.66			
2604	Engineering Design Branch	557,634.62		523,703.77	568,061.05			
2605	Construction Supr. Branch	368,197.27		310,624.24	264,307.81			
2606	Public Bldgs. Staff (Approp. 2603, 2604, and 2605)					1,590,758.25	1,548,955.29	1,336,912.89
2608	Utilities Branch (transferred to appro. 2609)			91,885.28	86,811.14	83,742.81	76,855.86	61,126.44
2609	Physical Plant Administration	1,422,514.41	3,762,784.24	1,273,166.16	1,190,583.07	1,054,503.92	925,739.04	696,389.67
MAINTENANCE:								
2610	Maintenance & Operation of Physical Plant	27,101,438.28		15,859,055.30	14,502,042.44	12,895,270.04	11,947,186.81	9,173,215.71
2612	Public Institutions (now combined with appro. 2610)			3,896,524.91	3,607,089.99	3,383,294.71	3,279,292.46	2,926,651.00
2614	Heating Plants (now combined with appro. 2610)			4,904,365.96	4,449,614.80	3,003,384.54	2,645,646.69	2,403,383.78
2615	Low Pressure Power Plants (now combined with appro. 2610)					1,205,606.57	931,224.53	632,346.12
2620	Government Automobile Service ..	105,033.32	27,206,471.60	95,139.11	88,913.39	77,926.86	93,701.23	70,191.03
GRANTS:								
2624	Grants to Municipalities for Swimming Pools (transferred to Culture, Youth & Recreation) ..					56,000.00	34,840.11	42,000.00
2625	Grants for Constr. of Police Bldgs.	260,000.00		108,152.40	250,000.00	70,283.26	48,846.11	5,680.26
2626	Grants to Municipalities in Lieu of Taxes	3,532,468.09	3,792,468.09	3,021,253.09	3,043,767.90	2,614,096.05	2,123,522.59	1,711,522.25
CAPITAL:								
2681	Administration & Judicial Bldgs. (now combined with appro. 2683) ..	39,512,406.26		32,898,739.46	25,434,362.06	826,567.13	924,279.35	664,891.46
2682	Sites & Construction	3,931,939.86		4,779,331.93	4,797,668.91	4,919,116.13	78,184,624.80	79,687,623.37*
2683	Furnishings & Equipment	86,924.22		105,306.16	140,857.98	150,829.52	14,204,041.55	9,841,854.41
2684	Heating Plants Equipment		43,531,270.34				81,150.78	80,897.35
			78,292,994.27	69,185,801.39	59,790,477.97	58,999,889.47	117,603,601.83	109,806,875.78

* Adjustment re non-purchase of Alberta Liquor Control Board property, 1605 - 17 Street, S.E. - Calgary, Alberta.

